

AC 70 PB

The vessels in the AC Liquid Cylinders Series are storage and transport cylinders for liquefied gas. The product line represent an important component of the Auguste Cryogenics product portfolio. These pressure vessels are manufactured in Košice, Slovakia. The trusted products have been successfully operating throughout Europe and all over the world for decades.

The inner and outer vessel are constructed of top grade stainless steel. The ultra-low evaporation rates are ensured by a special super insulation and the Auguste Cryogenics GOLD Standard vacuum technology.

Of course all cylinders of the Auguste Cryogenics AC Liquid Cylinder Series comply with the European Directive 2010/35/EU for transportable pressure equipment (TPED), making them flexible and valuable elements in the liquefied gases supply chain in various industrial, medical, research and food production applications.

Auguste Cryogenics' AC Liquid Cylinders come in several sizes from 70 to 240 liters net volume and are available without or with pressure building. They are transportable units, designed and built to rugged construction standards that are intended to be carried full. They are engineered for either low-pressure applications of cryogenic filling and liquid dispensing or high-pressure gas distribution. All units feature quick and easy liquid withdrawal.

The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

The Auguste Cryogenic AC series is the industry standard for gas liquid cylinder performance and feature Auguste Cryogenics' GOLD Standard vacuum technology.



Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 70 PB		Part No. ALC070-P
LN2 Capacity (l)	gross	73
	net	70
Weight (kg)	empty	73
	filled with N ₂ (kg)	129
Height (mm)		1080
Diameter (mm)		508
Evaporation rate (N ₂ /%/day)		3.5
Liquid withdrawal rate (l/min)		6
Work. pressure std. max. (bar)		1.5 10
Auto. pressure building		set 1 bar
Number of castors		4
Packaging	length x width x height (mm)	700 x 700 x 1200
	weight (kg)	93
	volume (m ³)	0,588

Your supplier:

Spare Parts List	
402693	P.B. Reg. Cash A32, 0.1-1,8 bar, set 1 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414839	Level Meter for AC-70
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414818	Pressure Gauge, 0-4 bar
414330	Pressure Gauge, 0-6 bar
414340	Pressure Gauge, 0-10 bar
414819	Pressure Gauge, 0-16 bar
500049	Safety Head, 12 bar
401423	Relief Valve, 1.5 bar
401443	Relief Valve, 4 bar
401444	Relief Valve, 6 bar
401424	Relief Valve, 10 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
820074	Castor, nylon-white, swivel (w/o brake)
820078	Castor, nylon-white, swivel and brake
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.

AC 120

The vessels in the AC Liquid Cylinders Series are storage and transport cylinders for liquefied gas. The product line represent an important component of the Auguste Cryogenics product portfolio. These pressure vessels are manufactured in Košice, Slovakia. The trusted products have been successfully operating throughout Europe and all over the world for decades.

The inner and outer vessel are constructed of top grade stainless steel. The ultra-low evaporation rates are ensured by a special super insulation and the Auguste Cryogenics GOLD Standard vacuum technology.

Of course all cylinders of the Auguste Cryogenics AC Liquid Cylinder Series comply with the European Directive 2010/35/EU for transportable pressure equipment (TPED), making them flexible and valuable elements in the liquefied gases supply chain in various industrial, medical, research and food production applications.

Auguste Cryogenics' AC Liquid Cylinders come in several sizes from 70 to 240 liters net volume and are available without or with pressure building. They are transportable units, designed and built to rugged construction standards that are intended to be carried full. They are engineered for either low-pressure applications of cryogenic filling and liquid dispensing or high-pressure gas distribution. All units feature quick and easy liquid withdrawal.

The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

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Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 120		Part No. ALC120-0
LN2 Capacity (l)	gross	126
	net	120
Weight (kg)	empty	105
	filled with N ₂ (kg)	202
Height (mm)		1430
Diameter (mm)		508
Evaporation rate (N ₂ /%/day)		2.3
Liquid withdrawal rate (l/min)		6
Work. pressure std. max. (bar)		1.5 10.0
Auto. pressure building		no
Number of castors		5
Packaging	length x width x height (mm)	700 x 700 x 1560
	weight (kg)	125
	volume (m ³)	0,764

Your supplier:

Spare Parts List	
402693	P.B. Reg. Cash A32, 0.1-1,8 bar, set 1 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414840	Level Meter for AC-120
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414818	Pressure Gauge, 0-4 bar
414330	Pressure Gauge, 0-6 bar
414340	Pressure Gauge, 0-10 bar
414819	Pressure Gauge, 0-16 bar
500049	Safety Head, 12 bar
401423	Relief Valve, 1.5 bar
401443	Relief Valve, 4 bar
401444	Relief Valve, 6 bar
401424	Relief Valve, 10 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
820074	Castor, nylon-white, swivel (w/o brake)
820078	Castor, nylon-white, swivel and brake
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

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AC 120 PB

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Of course all cylinders of the Auguste Cryogenics AC Liquid Cylinder Series comply with the European Directive 2010/35/EU for transportable pressure equipment (TPED), making them flexible and valuable elements in the liquefied gases supply chain in various industrial, medical, research and food production applications.

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The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

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Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 120 PB		Part No. ALC120-P
LN2 Capacity (l)	gross	126
	net	120
Weight (kg)	empty	105
	filled with N ₂ (kg)	202
Height (mm)		1430
Diameter (mm)		508
Evaporation rate (N ₂ /%/day)		2,4
Liquid withdrawal rate (l/min)		6
Work. pressure std. max. (bar)		1.5 10.0
Auto. pressure building		set 1.0 bar
Number of castors		5
Packaging	length x width x height (mm)	700 x 700 x 1560
	weight (kg)	125
	volume (m ³)	0,764

Your supplier:

Spare Parts List	
402693	P.B. Reg. Cash A32, 0.1-1,8 bar, set 1 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414840	Level Meter for AC-120
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414818	Pressure Gauge, 0-4 bar
414330	Pressure Gauge, 0-6 bar
414340	Pressure Gauge, 0-10 bar
414819	Pressure Gauge, 0-16 bar
500049	Safety Head, 12 bar
401423	Relief Valve, 1.5 bar
401443	Relief Valve, 4 bar
401444	Relief Valve, 6 bar
401424	Relief Valve, 10 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
820074	Castor, nylon-white, swivel (w/o brake)
820078	Castor, nylon-white, swivel and brake
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.

AC 160

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The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

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Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 160		Part No. ALC160-0
LN2 Capacity (l)	gross	168
	net	160
Weight (kg)	empty	121
	filled with N ₂ (kg)	250
Height (mm)		1640
Diameter (mm)		508
Evaporation rate (N ₂ /%/day)		1.5
Liquid withdrawal rate (l/min)		6
Work. pressure std. max. (bar)		1.5 10.0
Auto. pressure building		no
Number of castors		-
Packaging	length x width x height (mm)	700 x 700 x 1750
	weight (kg)	141
	volume (m ³)	0,858

Your supplier:

Spare Parts List	
650021	Gasket, Glass Filled Teflon, on Content Gauge
414825	Liquid Level Indicator inert spring Old PN: GL45-9C65
414841	Level Meter for AC-160
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed) Screw brass 1/4"-20 X 5/8LG Old PN: 6114-1088/1087 Phillips
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed) Old PN: 6460-2025
417102	Indicator Scale Nitrogen
414818	Pressure Gauge, 0-4 bar
500049	Safety Head, 12 bar
401423	Relief Valve, 1.5 bar
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
402693	P.B. Reg. Cash A32, 0.1-1,8 bar, set 1 bar
417103	Indicator scale Oxygen
417104	Indicator Scale Argon
414330	Pressure Gauge, 0-6 bar
414340	Pressure Gauge, 0-10 bar
401443	Relief Valve, 4 bar
401444	Relief Valve, 6 bar
401424	Relief Valve, 10 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.

AC 170 HP

The vessels in the AC Liquid Cylinders Series are storage and transport cylinders for liquefied gas. The product line represent an important component of the Auguste Cryogenics product portfolio. These pressure vessels are manufactured in Košice, Slovakia. The trusted products have been successfully operating throughout Europe and all over the world for decades.

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The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

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Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 170 HP		Part No. ALC170-H
LN2 Capacity (l)	gross	179
	net	170
Weight (kg)	empty	160
	filled with N ₂ (kg)	307
Height (mm)		1720
Diameter (mm)		508
Evaporation rate (N ₂ /%/day)		1.4
Liquid withdrawal rate (l/min)		9.2
Work. pressure std. max. (bar)		24.0 24.0
Auto. pressure building		set 20.0 bar
Number of castors		-
Packaging	length x width x height (mm)	700 x 700 x 1800
	weight (kg)	180
	volume (m ³)	0,882

Your supplier:

Spare Parts List	
402699	Dual Reg Cash PBE 10.5-24 bar, set 20,7 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414843	Level Meter for AC-170 MP/HP
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
417105	Indicator Scale (CO ₂)
414833	Pressure Gauge, 0-30 bar
414820	Pressure Gauge, 0-36 bar
500054	Safety Head press. 30 bar
401440	Relief Valve, 24 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
242118	Service label „Liquid Carbondioxide“
358345	End Fitting O ₂ (CGA 440) Liquid / Vent
358342	End Fitting N ₂ /Ar/CO ₂ (CGA 295/3/8) Liquid / Vent
358343	End Fitting O ₂ (CGA 540) Use
358349	End Fitting N ₂ /Ar (CGA 580) Use
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

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AC 170 MP

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The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

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Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 170 MP		Part No. ALC170-M
LN2 Capacity (l)	gross	179
	net	170
Weight (kg)	empty	145
	filled with N ₂ (kg)	282
Height (mm)		1720
Diameter (mm)		508
Evaporation rate (N ₂ /%/day)		1.2
Liquid withdrawal rate (l/min)		9.2
Work. pressure std. max. (bar)		15.9 15.9
Auto. pressure building		set 8.6 bar
Number of castors		-
Packaging	length x width x height (mm)	700 x 700 x 1800
	weight (kg)	165
	volume (m ³)	0,882

Your supplier:

Spare Parts List	
402694	Dual Reg Cash PBE 3.5-12.3 bar, set 8.6 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414843	Level Meter for AC-170 MP/HP
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414835	Pressure Gauge, 0-25 bar
500053	Safety Head press. 20 bar
401439	Relief Valve, 15,9 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
358343	End Fitting O2 (CGA 540) Use
358349	End Fitting N2/Ar (CGA 580) Use
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.

AC 180

The vessels in the AC Liquid Cylinders Series are storage and transport cylinders for liquefied gas. The product line represent an important component of the Auguste Cryogenics product portfolio. These pressure vessels are manufactured in Košice, Slovakia. The trusted products have been successfully operating throughout Europe and all over the world for decades.

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Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 180		Part No. ALC180-0
LN2 Capacity (l)	gross	186
	net	180
Weight (kg)	empty	137
	filled with N ₂ (kg)	282
Height (mm)		1780
Diameter (mm)		508
Evaporation rate (N ₂ /%/day)		1.3
Liquid withdrawal rate (l/min)		6
Work. pressure std. max. (bar)		1.5 10.0
Auto. pressure building		no
Number of castors		-
Packaging	length x width x height (mm)	700 x 700 x 1445
	weight (kg)	157
	volume (m ³)	0,708

Your supplier:

Spare Parts List	
402693	P.B. Reg. Cash A32, 0.1-1,8 bar, set 1 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414842	Level Meter for AC-180
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414818	Pressure Gauge, 0-4 bar
414330	Pressure Gauge, 0-6 bar
414340	Pressure Gauge, 0-10 bar
414819	Pressure Gauge, 0-16 bar
500049	Safety Head, 12 bar
401423	Relief Valve, 1.5 bar
401443	Relief Valve, 4 bar
401444	Relief Valve, 6 bar
401424	Relief Valve, 10 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

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AC 180 MP

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Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 180 MP		Part No. ALC180-M
LN2 Capacity (l)	gross	189
	net	180
Weight (kg)	empty	150
	filled with N ₂ (kg)	295
Height (mm)		1840
Diameter (mm)		508
Evaporation rate (N ₂ /%/day)		1.1
Liquid withdrawal rate (l/min)		9.2
Work. pressure std. max. (bar)		15.9 15.9
Auto. pressure building		set 8.6 bar
Number of castors		-
Packaging	length x width x height (mm)	700 x 700 x 1445
	weight (kg)	170
	volume (m ³)	0,708

Your supplier:

Spare Parts List	
402694	Dual Reg Cash PBE 3.5-12.3 bar, set 8.6 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414844	Level Meter for AC-180 MP/HP
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414835	Pressure Gauge, 0-25 bar
500053	Safety Head, 20 bar
401439	Relief Valve, 15,9 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
358343	End Fitting O2 (CGA 540) Use
358349	End Fitting N2/Ar (CGA 580) Use
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.

AC 180 26"

The vessels in the AC Liquid Cylinders Series are storage and transport cylinders for liquefied gas. The product line represent an important component of the Auguste Cryogenics product portfolio. These pressure vessels are manufactured in Košice, Slovakia. The trusted products have been successfully operating throughout Europe and all over the world for decades.

The inner and outer vessel are constructed of top grade stainless steel. The ultra-low evaporation rates are ensured by a special super insulation and the Auguste Cryogenics GOLD Standard vacuum technology.

Of course all cylinders of the Auguste Cryogenics AC Liquid Cylinder Series comply with the European Directive 2010/35/EU for transportable pressure equipment (TPED), making them flexible and valuable elements in the liquefied gases supply chain in various industrial, medical, research and food production applications.

Auguste Cryogenics' AC Liquid Cylinders come in several sizes from 70 to 240 liters net volume and are available without or with pressure building. They are transportable units, designed and built to rugged construction standards that are intended to be carried full. They are engineered for either low-pressure applications of cryogenic filling and liquid dispensing or high-pressure gas distribution. All units feature quick and easy liquid withdrawal.

The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

The Auguste Cryogenic AC series is the industry standard for gas liquid cylinder performance and feature Auguste Cryogenics' GOLD Standard vacuum technology.



Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 180 26"		Part No. ALC186-0
LN2 Capacity (l)	gross	190
	net	180
Weight (kg)	empty	121
	filled with N ₂ (kg)	266
Height (mm)		1350
Diameter (mm)		660
Evaporation rate (N ₂ /%/day)		1.3
Liquid withdrawal rate (l/min)		15
Work. pressure std. max. (bar)		1.5 10.0
Auto. pressure building		no
Number of castors		5
Packaging	length x width x height (mm)	700 x 700 x 1445
	weight (kg)	141
	volume (m ³)	0,708

Your supplier:

Spare Parts List	
402693	P.B. Reg. Cash A32, 0.1-1,8 bar, set 1 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414838	Level Meter for AC-186"
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414818	Pressure Gauge, 0-4 bar
414330	Pressure Gauge, 0-6 bar
414340	Pressure Gauge, 0-10 bar
414819	Pressure Gauge, 0-16 bar
500049	Safety Head, 12 bar
401423	Relief valve, 1.5 bar
401443	Relief Valve, 4 bar
401444	Relief Valve, 6 bar
401424	Relief Valve, 10 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
820074	Castor, nylon-white, swivel (w/o brake)
820078	Castor, nylon-white, swivel and brake
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.

AC 180 26"PB

The vessels in the AC Liquid Cylinders Series are storage and transport cylinders for liquefied gas. The product line represent an important component of the Auguste Cryogenics product portfolio. These pressure vessels are manufactured in Košice, Slovakia. The trusted products have been successfully operating throughout Europe and all over the world for decades.

The inner and outer vessel are constructed of top grade stainless steel. The ultra-low evaporation rates are ensured by a special super insulation and the Auguste Cryogenics GOLD Standard vacuum technology.

Of course all cylinders of the Auguste Cryogenics AC Liquid Cylinder Series comply with the European Directive 2010/35/EU for transportable pressure equipment (TPED), making them flexible and valuable elements in the liquefied gases supply chain in various industrial, medical, research and food production applications.

Auguste Cryogenics' AC Liquid Cylinders come in several sizes from 70 to 240 liters net volume and are available without or with pressure building. They are transportable units, designed and built to rugged construction standards that are intended to be carried full. They are engineered for either low-pressure applications of cryogenic filling and liquid dispensing or high-pressure gas distribution. All units feature quick and easy liquid withdrawal.

The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

The Auguste Cryogenic AC series is the industry standard for gas liquid cylinder performance and feature Auguste Cryogenics' GOLD Standard vacuum technology.



Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 180 26"PB		Part No. ALC186-P
LN2 Capacity (l)	gross	190
	net	180
Weight (kg)	empty	122
	filled with N ₂ (kg)	267
Height (mm)		1350
Diameter (mm)		660
Evaporation rate (N ₂ /%/day)		1.3
Liquid withdrawal rate (l/min)		15
Work. pressure std. max. (bar)		1.5 10.0
Auto. pressure building		set 1.0 bar
Number of castors		5
Packaging	length x width x height (mm)	700 x 700 x 1445
	weight (kg)	142
	volume (m ³)	0,708

Your supplier:

Spare Parts List	
402693	P.B. Reg. Cash A32, 0.1-1,8 bar, set 1 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414842	Level Meter for AC-180
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414818	Pressure Gauge, 0-4 bar
414330	Pressure Gauge, 0-6 bar
414340	Pressure Gauge, 0-10 bar
414819	Pressure Gauge, 0-16 bar
500049	Safety Head, 12 bar
401423	Relief valve, 1.5 bar
401443	Relief Valve, 4 bar
401444	Relief Valve, 6 bar
401424	Relief Valve, 10 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
820074	Castor, nylon-white, swivel (w/o brake)
820078	Castor, nylon-white, swivel and brake
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.

AC 200 HP

The vessels in the AC Liquid Cylinders Series are storage and transport cylinders for liquefied gas. The product line represent an important component of the Auguste Cryogenics product portfolio. These pressure vessels are manufactured in Košice, Slovakia. The trusted products have been successfully operating throughout Europe and all over the world for decades.

The inner and outer vessel are constructed of top grade stainless steel. The ultra-low evaporation rates are ensured by a special super insulation and the Auguste Cryogenics GOLD Standard vacuum technology.

Of course all cylinders of the Auguste Cryogenics AC Liquid Cylinder Series comply with the European Directive 2010/35/EU for transportable pressure equipment (TPED), making them flexible and valuable elements in the liquefied gases supply chain in various industrial, medical, research and food production applications.

Auguste Cryogenics' AC Liquid Cylinders come in several sizes from 70 to 240 liters net volume and are available without or with pressure building. They are transportable units, designed and built to rugged construction standards that are intended to be carried full. They are engineered for either low-pressure applications of cryogenic filling and liquid dispensing or high-pressure gas distribution. All units feature quick and easy liquid withdrawal.

The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

The Auguste Cryogenic AC series is the industry standard for gas liquid cylinder performance and feature Auguste Cryogenics' GOLD Standard vacuum technology.



Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 200 HP		Part No. ALC200-H
LN2 Capacity (l)	gross	211
	net	200
Weight (kg)	empty	175
	filled with N ₂ (kg)	335
Height (mm)		1980
Diameter (mm)		508
Evaporation rate (N ₂ /%/day)		1.2
Liquid withdrawal rate (l/min)		9.2
Work. pressure std. max. (bar)		24.0 24.0
Auto. pressure building		set 20.0 bar
Number of castors		-
Packaging	length x width x height (mm)	700 x 700 x 2000
	weight (kg)	195
	volume (m ³)	0,98

Your supplier:

Spare Parts List	
402699	Dual Reg Cash PBE, 10.5-24 bar, set 20,7 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414845	Level Meter for AC-200 MP/HP
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414820	Pressure Gauge, 0-36 bar
500054	Safety Head, 30 bar
401440	Relief Valve, 24 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
358343	End Fitting O2 (CGA 540) Use
358349	End Fitting N2/Ar (CGA 580) Use
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc
414833	Pressure Gauge, 0-30bar
417105	Indicator Scale (CO2)
242118	Service label „Liquid Carbondioxide“

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.

AC 240

The vessels in the AC Liquid Cylinders Series are storage and transport cylinders for liquefied gas. The product line represent an important component of the Auguste Cryogenics product portfolio. These pressure vessels are manufactured in Košice, Slovakia. The trusted products have been successfully operating throughout Europe and all over the world for decades.

The inner and outer vessel are constructed of top grade stainless steel. The ultra-low evaporation rates are ensured by a special super insulation and the Auguste Cryogenics GOLD Standard vacuum technology.

Of course all cylinders of the Auguste Cryogenics AC Liquid Cylinder Series comply with the European Directive 2010/35/EU for transportable pressure equipment (TPED), making them flexible and valuable elements in the liquefied gases supply chain in various industrial, medical, research and food production applications.

Auguste Cryogenics' AC Liquid Cylinders come in several sizes from 70 to 240 liters net volume and are available without or with pressure building. They are transportable units, designed and built to rugged construction standards that are intended to be carried full. They are engineered for either low-pressure applications of cryogenic filling and liquid dispensing or high-pressure gas distribution. All units feature quick and easy liquid withdrawal.

The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

The Auguste Cryogenic AC series is the industry standard for gas liquid cylinder performance and feature Auguste Cryogenics' GOLD Standard vacuum technology.



Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 240		Part No. ALC240-0
LN2 Capacity (l)	gross	252
	net	240
Weight (kg)	empty	144
	filled with N ₂ (kg)	338
Height (mm)		1535
Diameter (mm)		660
Evaporation rate (N ₂ /%/day)		1.4
Liquid withdrawal rate (l/min)		20
Work. pressure std. max. (bar)		1.5 10
Auto. pressure building		
Number of castors		5
Packaging	length x width x height (mm)	700 x 700 x 1650
	weight (kg)	164
	volume (m ³)	0,809

Your supplier:

Spare Parts List	
402693	P.B. Reg. Cash A32, 0.1-1,8 bar, set 1 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414837	Level Meter for AC-240
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414818	Pressure Gauge, 0-4 bar
414330	Pressure Gauge, 0-6 bar
414340	Pressure Gauge, 0-10 bar
414819	Pressure Gauge, 0-16 bar
500049	Safety Head, 12 bar
401423	Relief valve, 1.5 bar
401443	Relief Valve, 4 bar
401444	Relief Valve, 6 bar
401424	Relief Valve, 10 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
820074	Castor, nylon-white, swivel (w/o brake)
820078	Castor, nylon-white, swivel and brake
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.

AC 240 HP

The vessels in the AC Liquid Cylinders Series are storage and transport cylinders for liquefied gas. The product line represent an important component of the Auguste Cryogenics product portfolio. These pressure vessels are manufactured in Košice, Slovakia. The trusted products have been successfully operating throughout Europe and all over the world for decades.

The inner and outer vessel are constructed of top grade stainless steel. The ultra-low evaporation rates are ensured by a special super insulation and the Auguste Cryogenics GOLD Standard vacuum technology.

Of course all cylinders of the Auguste Cryogenics AC Liquid Cylinder Series comply with the European Directive 2010/35/EU for transportable pressure equipment (TPED), making them flexible and valuable elements in the liquefied gases supply chain in various industrial, medical, research and food production applications.

Auguste Cryogenics' AC Liquid Cylinders come in several sizes from 70 to 240 liters net volume and are available without or with pressure building. They are transportable units, designed and built to rugged construction standards that are intended to be carried full. They are engineered for either low-pressure applications of cryogenic filling and liquid dispensing or high-pressure gas distribution. All units feature quick and easy liquid withdrawal.

The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

The Auguste Cryogenic AC series is the industry standard for gas liquid cylinder performance and feature Auguste Cryogenics' GOLD Standard vacuum technology.



Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 240 HP		Part No. ALC240-H
LN2 Capacity (l)	gross	253
	net	240
Weight (kg)	empty	190
	filled with N ₂ (kg)	379
Height (mm)		1545
Diameter (mm)		660
Evaporation rate (N ₂ /%/day)		1.5
Liquid withdrawal rate (l/min)		9.2
Work. pressure std. max. (bar)		24.0 24.0
Auto. pressure building		set 20.0 bar
Number of castors		5
Packaging	length x width x height (mm)	700 x 700 x 1650
	weight (kg)	210
	volume (m ³)	0,809

Your supplier:

Spare Parts List	
402699	Dual Reg Cash PBE, 10.5-24 bar, set 20,7 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
414846	Level Meter for AC-240 HP
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon old: GL45-9C76
417105	Indicator Scale (CO2) old: BC04-9C75
414820	Pressure Gauge, 0-36 bar
500054	Safety Head, 30 bar
401440	Relief Valve, 24 bar
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
242118	Service label „Liquid Carbon dioxide“
358345	End Fitting O2 (CGA 440) Liquid / Vent Liquid (CGA 440) - oxygen P/N 357810 old: 6514-8992
358343	End Fitting O2 (CGA 540) Use old: 7114-0163
820074	Castor, nylon-white, swivel (w/o brake)
820078	Castor, nylon-white, swivel and brake
500045	Protection disc for Bursting Disc
500046	Protection cap for Bursting Disc
500055	Protection cap on vacuum nozzle
358349	End Fitting N2/Ar (CGA 580) Use
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
414833	Pressure Gauge, 0-30bar
417103	Indicator scale Oxygen

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.

AC 240 PB

The vessels in the AC Liquid Cylinders Series are storage and transport cylinders for liquefied gas. The product line represent an important component of the Auguste Cryogenics product portfolio. These pressure vessels are manufactured in Košice, Slovakia. The trusted products have been successfully operating throughout Europe and all over the world for decades.

The inner and outer vessel are constructed of top grade stainless steel. The ultra-low evaporation rates are ensured by a special super insulation and the Auguste Cryogenics GOLD Standard vacuum technology.

Of course all cylinders of the Auguste Cryogenics AC Liquid Cylinder Series comply with the European Directive 2010/35/EU for transportable pressure equipment (TPED), making them flexible and valuable elements in the liquefied gases supply chain in various industrial, medical, research and food production applications.

Auguste Cryogenics' AC Liquid Cylinders come in several sizes from 70 to 240 liters net volume and are available without or with pressure building. They are transportable units, designed and built to rugged construction standards that are intended to be carried full. They are engineered for either low-pressure applications of cryogenic filling and liquid dispensing or high-pressure gas distribution. All units feature quick and easy liquid withdrawal.

The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

The Auguste Cryogenic AC series is the industry standard for gas liquid cylinder performance and feature Auguste Cryogenics' GOLD Standard vacuum technology.



Auguste Cryogenics

AC Liquid Cylinders Series – stainless steel containers for the storage and transport of liquefied gas

AC 240 PB		Part No. ALC240-P
LN2 Capacity (l)	gross	252
	net	240
Weight (kg)	empty	146
	filled with N ₂ (kg)	340
Height (mm)		1535
Diameter (mm)		660
Evaporation rate (N ₂ /%/day)		1.4
Liquid withdrawal rate (l/min)		20
Work. pressure std. max. (bar)		1.5 10.0
Auto. pressure building		set 1.0 bar
Number of castors		5
Packaging	length x width x height (mm)	700 x 700 x 1650
	weight (kg)	166
	volume (m ³)	0,809

Your supplier:

Spare Parts List	
402693	P.B. Reg. Cash A32, 0.1-1,8 bar, set 1 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414837	Level Meter for AC-240
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414818	Pressure Gauge, 0-4 bar
414330	Pressure Gauge, 0-6 bar
414340	Pressure Gauge, 0-10 bar
414819	Pressure Gauge, 0-16 bar
500049	Safety Head, 12 bar
401423	Relief valve, 1.5 bar
401443	Relief Valve, 4 bar
401444	Relief Valve, 6 bar
401424	Relief Valve, 10 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
820074	Castor, nylon-white, swivel (w/o brake)
820078	Castor, nylon-white, swivel and brake
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.

AC 240 PB 6 bar

The vessels in the AC Liquid Cylinders Series are storage and transport cylinders for liquefied gas. The product line represent an important component of the Auguste Cryogenics product portfolio. These pressure vessels are manufactured in Košice, Slovakia. The trusted products have been successfully operating throughout Europe and all over the world for decades.

The inner and outer vessel are constructed of top grade stainless steel. The ultra-low evaporation rates are ensured by a special super insulation and the Auguste Cryogenics GOLD Standard vacuum technology.

Of course all cylinders of the Auguste Cryogenics AC Liquid Cylinder Series comply with the European Directive 2010/35/EU for transportable pressure equipment (TPED), making them flexible and valuable elements in the liquefied gases supply chain in various industrial, medical, research and food production applications.

Auguste Cryogenics' AC Liquid Cylinders come in several sizes from 70 to 240 liters net volume and are available without or with pressure building. They are transportable units, designed and built to rugged construction standards that are intended to be carried full. They are engineered for either low-pressure applications of cryogenic filling and liquid dispensing or high-pressure gas distribution. All units feature quick and easy liquid withdrawal.

The road-transportable cylinders are also available equipped with an automatic pressure-building circuit. There is also an integrated economizer circuit that helps reduce and control overflow gas consumption. This is designed in order to help conserve gas during low demand periods and build up pressure quickly for peak demand.

The Auguste Cryogenic AC series is the industry standard for gas liquid cylinder performance and feature Auguste Cryogenics' GOLD Standard vacuum technology.



Auguste Cryogenics

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AC 240 PB		Part No. ALC240-P
LN2 Capacity (l)	gross	252
	net	240
Weight (kg)	empty	146
	filled with N ₂ (kg)	340
Height (mm)		1535
Diameter (mm)		660
Evaporation rate (N ₂ /%/day)		1.4
Liquid withdrawal rate (l/min)		20
Work. pressure std. max. (bar)		6.0 10.0
Auto. pressure building		set 1.0 bar
Number of castors		5
Packaging	length x width x height (mm)	750 x 750 x 1650
	weight (kg)	165
	volume (m ³)	0,928

Your supplier:

Spare Parts List	
402693	P.B. Reg. Cash A32, 0.1-1,8 bar, set 1 bar
650021	Gasket, Glass Filled Teflon, on Contents Gauge
300895	Screw brass 1/4" to fix L Indicator Cover (3 pcs needed)
320287	Lock washer 1/4" to fix L Indicator Cover (3pcs needed)
414837	Level Meter for AC-240
417102	Indicator Scale Nitrogen
417104	Indicator Scale Argon
417103	Indicator scale Oxygen
414818	Pressure Gauge, 0-4 bar
414330	Pressure Gauge, 0-6 bar
414340	Pressure Gauge, 0-10 bar
414819	Pressure Gauge, 0-16 bar
500049	Safety Head, 12 bar
401423	Relief valve, 1.5 bar
401443	Relief Valve, 4 bar
401444	Relief Valve, 6 bar
401424	Relief Valve, 10 bar
402212	Valve repair Kit: Complete Topwork for Mack Valve, color Gray
402213	Valve repair Kit: Complete Topwork for Mack Valve, color Green
402214	Valve repair Kit: Complete Topwork for Mack Valve, color Blue
242115	Service label „Liquid Nitrogen“
242116	Service label „Liquid Oxygen“
242117	Service label „Liquid Argon“
358345	End Fitting O2 (CGA 440) Liquid / Vent
358342	End Fitting N2/Ar/CO2 (CGA 295/3/8) Liquid / Vent
820074	Castor, nylon-white, swivel (w/o brake)
820078	Castor, nylon-white, swivel and brake
500055	Protection cap on vacuum nozzle
500046	Protection cap for Bursting Disc
500045	Protection disc for Bursting Disc

Building the **GOLD Standard** of service and quality in cryogenic storage equipment.