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MASTER CLASSIC



KEY FEATURES:

User-friendly: simple in operation, maintenance, calibration and installativov Portable and compact design Very small quantity of milk required (9ml) Low power consumption No use of hazardous chemicals One year full warranty

Adjustments of the measurement accuracy can be done by the RS 232 Interface ESC POS Printer Suppor

Two samples self-calibration Bluetooth, RS232 and USB technolog

Easily readable results

Self calibration without computer

Our products menus support the following languages:

>English >E Espanol F

>English French

>English Portugues Russian

>Ingilizce Turk

SPECIFICATIONS MASTER CLASSIC:

Parameter	Measuring range	Accuracy
Fat	from 0% to 25%	± 0.1%
SNF	from 3% to 40%	± 0.15%
Density	from 1000 to 1160 kg/m ³	± 0.3 kg/m³
Protein	from 2% to 15%	± 0.15%
Lactose	from 0.01% to 20%	± 0.2%

The measurment accuracy not dependant on milk's acidity High-end ultrasonic technology for analyzing any kind of milk

MEASURING PARAMETERS:

Added Water content	from 0% to 70%	± 3%
Temperature of milk	from 1°C to 42°C	± 1°C
Freezing point	from - 0.4 to - 0.7°C	± 0.005°C
Salts	from 0.4% to 4%	± 0.05%
pH (option)	from 0 to 14	± 0.05%
Conductivity (option)	from 2 to 14 mS/cm	± 0.1 (mS/cm)

Milk analyzer makes quick analyses of milk and liquid dairy products:

Cow milk (25%) Sheep milk Buffalo milk Whey Cream Skimmed milk (0.01% FAT) Concentrated milk (up to 1160kg/m³ Recovered milk Etc. Fat Solids-non-fat (SNF) Density Protein Lactose Milk smaple temperature Added water Salts Freezing point Total Solids (option) pH (option) Conductivity (option)

And can be calibrated by the customer with specific samples of: Yoghourt, Flavored milk, Ice-cream mixtures etc.

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ENVIROMENTAL CONDITIONS:

Ambient air temperature 10°C - 40°C Milk temperature 1°C - 42°C

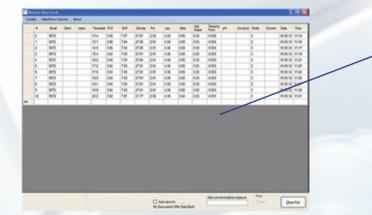
Relative humidity - 0%-80%

ELECTRICAL PARAMETERS:

AC Power Supply voltage 95-250V

DC Power Supply voltage 12V

Power Consumtion 30W max.



MECHANICAL PARAMETERS:

Dimensions : 110x280x195mm

Weight: 2kg

CE

Permanent laser engarving, possibility for custon logos or text inscription

USB interface for PC connection



MASTER CLASSIC

>Sheep n	nilk
UHT mi	lk
Buffalo	o milk
11:27	16/09/12

Embedded function real date and time registers the exact time for delivery of milk in the milk collecting center

SN: 164		61	1
Temp. 1	9.8 C		
Fat			7.8%
SNF			8.29%
Density			23.5
Protein			
Lactose			
Salts			
Added w	ater		20.0%
Freezin			
pH			
Conduct			
	21/10/		

Conductivity - built-in conductivity sensor gives high performance freezing point analysis - avoid poor quality milk due to added water; falsification with added salt

MILK DATA Program: milk collection accounting and management software.

> Serial interface (RS 232/printer)

pH (option)

Power switch

Highly effective, long life peristatic pump

Milkotester Ltd. 9 Todor Kableshkov Str., 4470 Belovo, Bulgaria tel.: +359 882 256 272

12V input

With Bluetooth One more possibility for data transfer to PC Transmit Power max. 18 dBm

Receiving Sensitivity 90 dBm Inbuild antenna Working distance (at open field) Nom. 100m