





BUY A MOTION 2 AND GET A MIKRO 5X FOR \$10,000!



≅ceramill®motion 2

≋ceramill® mikro **5**X

\$26,290 including materials at no charge

Includes:

- Ceramill Motion 2 S.
- Ceramill Mikro 5X S,
- Ceramill Match 2-CAM-Dongle,
- Ceramill CAD/CAM System PC Set,
- Ceramill Coolstream Tank,
- 2 x Silent Compact CAM suction unit (Renfert),
- Workpiece Holder Glass Ceramic Blanks,
- 2 x AG Care Motion Basic,
- 2 x Protection Plan Match 2,
- 1x AG Starter Material Kit.

SAVE ON AMANN GIRRBACH'S CERAMILL MAP 600 BUNDLE

≅ceramill®map 600

Bundle with a Premium PC Set starting at \$28,890

Includes:

- Ceramill Map 600
- Ceramill Mind
- Protection Plan Mind
- Premium PC Set
- 1 x Impression holder
- 1 x Universal Plate with Fixation Pin
- 1x M-Die Map
- 1 x All-In Scan



SCANNERS



Ceramill Map 200+ bundle for \$15,990

CERAMILL MAP 200+

AMANN GIRRBACH

The entry-level scanner - compact, precise, fast

- Maximum precision at minimum footprint
- Reduced scanning time by up to 50 %
- Open interface and automatic user guide
- Versatile use (e.g. Impression Scan Triple Tray,
- Models, Multi Die, Colour Texture Scans)
- Universal-carrier plate allows flexible scanning of numerous different model systems

A bundle includes: Ceramill Map 200+, Ceramill Mind, Ceramill CAD/CAM Standard System PC Set, Protection Plan Mind (Year 1), 1 x Software Module (of your choice), 1 x Impression Holder Map 200, 1 x Universal Model Plate, Free Training in Charlotte, NC

D2000 3SHAPE

core 3d centres

All-in-one scanning for maximum throughput

- All-in-One scanning of triple-tray impressions
- Optimized processing speed: die scan: 15 sec; full arch scan: 20 sec
- No need for separate die scan
- Room for 2 models
- Color texture scanning/ Impression scanning
- Precise capture of the bite & the model's position in the articulator
- Works with any articulator





D1000 3SHAPE



Ultra-high productivity scanner

- 4 x 5 MP cameras, Blue LED Multi-line
- Accuracy: 5 μm / 8 μm
- Die scan time: 15 sec
- Full arch scan time: 20 sec
- Color texture scanning
- No need for separate die scan
- Impression scanning

SCANNERS



E1 COTE 3d

3SHAPE CENTRES®

Essential scanning to digitize v

Essential scanning to digitize your lab

- 2 x 5 MP cameras, Blue LED Multiline
- Accuracy (ISO 12836 / implant) : 10μm / 12 μm
- Scan speed (arch): 40 sec
- Scan speed (die): 25 sec
- Scan speed (full arch impression): 130 sec

Starting at \$9,995

E2 COTE 3d CENTRES

Increased productivity and texture scanning

- 2 x 5 MP cameras, Blue LED Multiline
- Accuracy (ISO 12836 / implant): 10μm / 12 μm
- Scan speed (arch): 30 sec
- Scan speed (die): 20 sec
- Scan speed (full arch impression): 90 sec
- Texture: B&W



Starting at \$12,995



E3 COTE 3d CENTRES® High performance and color

- 2 x 5 MP cameras, Blue LED Multiline
- Accuracy (ISO 12836/ implant) : 7 μm / 10 μm
- Scan speed (arch): 24 sec
- Scan speed (die): 18 sec
- Scan speed (full arch impression): 80 sec
- Texture: Color

Starting at \$17,500

Call for special

pricing

AIR COMPRESSORS



SMALL ROTARY SCREW AIR COMPRESSORS

KAESER

Airtower to AS Series

• Horsepower: 3 to 30 hp

• Capacities: 8.8 to 141 cfm

Standard pressures: 80 to 217 psigEconomical, efficient, and reliable

• Excellent transmission efficiency over the life of the unit

Reduced maintenance costs

• Ultra-quiet performance – from 62dB(A)

Model	Rated motor power	Flow capacity at 125
Airtower 3C/4C/5C.7.5C	3 hp to 7.5 hp	12 cfm to 28 cfm
SX 3/SX 4/SX 5/SX 7.5	3 hp to 7.5 hp	12 cfm to 28 cfm
SM 7.5 / SM 10 / SM 15	7.5 hp to 15 hp	32 cfm to 53 cfm
SK 15 / SK 20	15 hp to 20 hp	71 cfm to 88 cfm
AS 20 / AS 25 / AS 30	20 hp to 30 hp	99 cfm to 141 cfm

DENTAL EXTRACTION UNITS

SILENT COMPACT CAM

RENFERT

Compact, dustbag-free suction for use with compact, dental CAM units

- Bi-directional communication between extraction unit and CAM unit
- No follow-up costs due to bag-free dust collection
- Uninterrupted workflow due to easy motor change within minutes
- Low operating noise of max. 56,9 dB(A)

\$1.049

SILENT POWERCAM EC NEW!

RENFERT

Powerful, dustbag-free suction with automatic filter cleaning and EC motor technology for heavily used cam units

- Low operating noise of max. 54.3 dB(A)
- Safe production process through low-maintenance EC motor technology (> 5 000 operating hours)
- High suction power of 38 m/s
- Safe disposal of fine milling dust with the help of a disposal bag



Save \$458

MILLING MACHINES



CERAMILL MOTION 2 AMANN GIRRBACH

5-Axis, dry & wet milling / grinding /carving

Save over \$16,735

- High-performance milling, grinding, carving due to DNA strategies
- Maximum range of materials and indications due to 5-axis wet and dry processing in one unit
- Maximum value creation (e.g. rotational milling of titanium, processing of full dentures)
- Optimum protection of all electronic components during wet operation

A bundle includes: Ceramill Motion 2 S, Ceramill Match 2 Cam-Dongle, Ceramill CAD/CAM System PC Set, Ceramill Coolstream Tank, Silent Compact CAM suction unit (Renfert), Workpiece Holder Glass Ceramic Blanks, AG Care Motion Basic, Protection Plan Match 2, 1 \times AG Material Kit, a \$6,000 credit towards an additional AG product*

CERAMILL MIKRO IC

AMANN GIRRBACH

4-axis wet grinding unit for max processing speed

- High-performance processing due to DNA milling/grinding strategies
- Reduced processing time of single blocks by up to 60%
- Highest degree of precision with maximum feed rates
- Easy handling and accuracy when processing hard materials

A bundle includes: Ceramill Mikro IC, Ceramill Match 2 Cam-Dongle, Ceramill CAD/CAM System PC Set, Grinding Universal Holder, Protection Plan Match 2 M1





CERAMILL MIKRO 5X

AMANN GIRRBACH5-axis technology concentrated in minimum space

-
- High performance due to DNA milling strategies
- Maximum range of indications in 5-axis dry milling
- Space-saving, compact design
- High precision and durability

Save on a bundle over \$10.910

includeing materials at no charge & a \$4,000 credit towards an additional AG product * OR

Buy two Mikro 5x, and save over

\$28,700

including materials at no charge

Call to order: 813.888.8889 * Credit applicable to specific Amann Girrbach products.

SINTERING FURNACES



CERAMILL THERM 3

AMANN GIRRBACH

Fully automatic high-performance furnace for final sintering of distortion-free zirconia frameworks

- 250 sintering program positions
- 3 stackable sintering bowls for maximum utilisation of the furnace
- Sintering at the press of a button very easy operation with touch-screen technology
- USB interface for program updates and log files for monitoring firing
 \$8.999

CERAMILL ARGOTHERM 2

AMANN GIRRBACH

Shielding gas sinter furnace and flood chamber for Ceramill Sintron

- Sintering program developed specifically for Ceramill Sintron
- A validated system guarantees consistent high quality of the results
- Active cooling after the sintering process
- Minimal consumption of protective gas
- Sintering at the push of a button extremely easy operation with touch screen technol-ogy
- USB interface for program updates and log files for monitoring firing





A bundle includes: Ceramill Argotherm 2, 5 x Ceramill Sintron blanks 14 mm



CERAMILL THERM S AMANN GIRRBACH

Save over \$3,835

Speed furnace for greater flexibility in everyday lab routines

- More flexibility in everyday laboratory routines with a 2-hour speed sintering program for single tooth restorations
- Greatest possible user versatility through Autodry® drying function, sintering mode for up to 6-pontic restorations and glaze firing mode
- Easy handling via 10.4" touch display and Internet connection for programmes and protocols

A bundle includes: Ceramill Therm S, 15 x Ceramill Zolid FX Multilayer (any shade/16mm) Therm S bundle for \$10,990

SINTERING FURNACES





LHT 01/17 LB & LHT 02/17 LB SPEED NABERTHERM

High-Temperature Bottom Loading Furnaces with Speed Cooling System for Sintering of Translucent Zirconia

- Maximum temperature of 1650 °C
- Additionally equipped with a drying as well as a forced cooling function
- For accelerated cooling, the furnace is automatically opened step by step under program control
- Can achieve total cycle times of less than two and a half hours
- Individual programming for all recommended sintering curves of all zirconia manufacturers

LHT 01/17 LB Speed Space for up to two batch containers for max. 15 single crowns per level

\$9,750

LHT 02/17 LB Speed Space for up to three saggars for max. 25 individual crowns per level

\$10,995

LHT 01/17 D NABERTHERM

High-temperature furnace ideally suited for sintering bridges and crowns made of translucent zirconia

- Excellent price-performance ratio
- Special heating elements made of molybdenum disilicide provide the best possible protection against chemical interaction between the charge and the furnace components
- Individual programmed for all recommended sintering curves by almost all zirconium manufacturers
- Can be charged with up to two saggars, 15 individual crowns per level



\$7,295



PORCELAIN FURNACES



PRO 200 WHIP MIX

- Advanced cycles for e.max®, In Ceram®, Wol-Ceram®, Captek™, sintered alloys and advanced porcelain products
- Quick-Cool Jet cools the muffle twice as fast
- The graph-based application enables user to create, modify, print and transfer programs to furnaces straight from their PC

\$3,899

PRO PRESS 200

WHIP MIX

- Presses all of the pressable ceramics available
- Fires every dental porcelain on the market using advanced cycles for IPS
 e.max,® In Ceram,® Wol-Ceram,® Captek,™ sintered alloys and advanced
 porcelain products
- 200 open programs, 1 and 2-stage firing
- Patented Quick-Cool Jet cools the muffle twice as fast
- USB port enables user to transfer programs, upgrades with the included Flash Drive

\$4,995





PRO PRESS SP WHIP MIX

- Automatically monitors the flow of the glass and senses the movement of the ceramic into the ring in real time and dramatically increases the likelihood of a complete press, even with cracked molds
- Enables successful pressing of more units per ring while minimizing or eliminating the reaction layer

\$6,725

FIRELITE WHIP MIX

- Up to 50 firing programs you can customize for any type of porcelain
- Two-point calibration ensures firing accuracy for low- and high-fusing porcelains
- Fast-cool cycle uses vacuum to cool the muffle, reducing down time between firing cycles
- Large elevated cooling tray allows for easy staging of work and quickly cools just fired restorations



\$3.425

BURNOUT OVENS



JELRUS INFINITY

WHIP MIX

- Can be used for a 1, 2, 3 or 4-stage burnout procedure
- Memory for 1-30 "open" easy to use programs
- Can heat up, cool down and has a "Ready-Set-Go" smart overnight timer
- Offers the highest accuracy with even heat distribution

INFINITY Medium 30 \$1,499

INFINITY Large 30

\$1,599

3D PRINTER

MOONRAY S100

SPRINRAY

MoonRay is an all-in-one digital dentistry system

The MoonRay S is a wireless, desktop DLP 3D printer that excels at printing large parts while maintaining precise detail.

- Fully integrated features produce high-resolution dental models from intraoral or other 3D scans.
- Work process can be streamlined with the fast DLP technology and custom built-in projector for optimal 3D printing.
- The ultra-durable resin tank means you won't be replacing your tank every few prints, maximizing uptime with minimal maintenance.
- Enables quick and easy printing of accurate crowns, copings, surgical guides and other dental models.



\$3.750

Model	Print Volume	Min. feature size	Print Speed
MoonRay S100	13 x 8 x 20 cm	100 Microns	1 in/hour - 100 Microns 0.5 in/hour - 50 Microns 0.15 in/hour - 20 Microns

WAXING



SMARTWAX DUO

AMANN GIRRBACH

- Two different handpieces are ready for use at the same time
- 3 individually programmable temperatures for each handpiece
- Simple and safe exchange mechanism of the modeling tips
- Fast operational and heated instruments
- Anti-twist cables that are insensitive to heat

\$375

NOFLAME PLUS BUNSEN BURNER

AMANN GIRRBACH

- Mobile and immediately operational, no gas required
- · Handling as usual, no adjustment required
- Eliminates the risks of getting burned or causing fire
- Clean, i.e. no soot particles on instrument and/or material
- Saves 75% of energy expenses; saves the environment



\$355

HEAT ZONE INDUCTION HEATER

WHIP MIX



- Heats wax modeling tools without flame using an electromagnetic induction process and is sensor activated when a tool is inserted into the "zone"
- Heats the tool safely and extremely fast
- The induction form of heating ensures complete safety for nonmetallic items such as fingers and clothing eliminating the potential for burns or fire.

\$349

WAXLECTRIC II 120 V

RENFERT

An electric wax knife

- Can be operated with two handpieces simultaneously.
- Temperature setting to a precise degree ensures controlled working processes.
- Direct access of preferred working temperatures using the programming function.
- Fast heat-up rate and low heat transfer to the handle thanks to the heating element integrated in the tip.



\$289

MODEL AND DIE



SMARTMIX X2
AMANN GIRRBACH

The universal vacuum-mixing machine

Quick and easy programming of the duration, speed, direction of rotation, interval times, pre-mixing, pre-vacuum, post-vacuum for homogeneous and consistent, reproducible mixtures with optimum parameters.

\$1,649

SMARTBOX® X2 programmable dispensing unit

- Measures the water-to-powder ratio of plaster products in precise grams to milliliters
- Ensures a consistent high degree of dosage precision which allows to save 20 to 25% of time, material and plaster
- The plaster is sprinkled very finely into the mixing beaker, which noticeably increases the homogeneity of the mixture.

\$2,525





GIROFORM[®] pin drill AMANN GIRRBACH

The pin drill allows precise, fast and safe determination of the desired drill position. Drilling starts at the press of a button. The plate holder is fastened magnetically, securing the drill position.

\$2,195

VPM2 VACUUM MIXING UNIT

WHIP MIX

- Vacuum mixing all types of gypsums, plasters and investments
- Up to 30 separate programs
- Can be programmed for time, speed and paddle direction.



\$2.199



AQUASPENSE & AQUASPENSE SL WHIP MIX

Programmable for up to 15 various gypsums, AquaSpense liquid dispenser ensures proper water powder ratio's by automatically calculating the powder weight and then accurately dispensing the correct amount of water for optimal product performance and results. The key difference in the two units is that the SL is capable of accurately dispensing two different liquids - water and special liquid for your investing needs.

\$1,895 / \$2,125

CAD / CAM MATERIALS

CERAMILL ZOLID FX MULTILAYER

AMANN GIRRBACH

Polychromatic, super-high translucent zirconia with integrated shade and translucency gradient

- Efficient, economical processing without the staining procedure
- Restorations can be further customized after sintering to achieve more esthetic results using stains and glazing porcelains.

Available in shade A1 through D4

98 mm x 14 mm 98 mm x 16 mm 98 mm x 20 mm

Call for special pricing



Buy 4 ML blanks & get 1 blank free*

98 mm x 12 mm 98 mm x 14 mm 98 mm x 16 mm 98 mm x 18 mm

98 mm x 20 mm

CERAMILL ZOLID FX WHITE

AMANN GIRRBACH

Super-high translucent zirconia used for monolithic or anatomically reduced anterior restorations and up to 3-unit bridges in the molar region.

Available in different shade gradations: bleach/ A light/ A medium/ B light/ C light/ D light

CERAMILL ZOLID FX PRESHADES AMANN GIRRBACH





Pre-stained, super-high translucent zirconia blanks for monolithic or anatomically reduced anterior restorations and up to 3-unit bridges in the molar region. The blanks, which are homogeneously stained throughout in an industrial process, can be sintered directly after milling.

98 mm x 14 mm 98 mm x 16 mm 98 mm x 20 mm

Available in shade A1 through D4

98 mm x 14 mm 98 mm x 16 mm 98 mm x 20 mm

CERAMILL ZOLID HT+ PRESHADES AMANN GIRRBACH



Highly translucent, monochrome zirconium oxide blanks provide massive constructions with natural beautiful and vital aesthetics, the highest level of color reliability and assure reproducible results.



CERAMILL ZOLID HT+ WHITE

AMANN GIRRBACH



Highly translucent zirconium oxide which offering a full indication spectrum through high flexural strength of 1,100 MPa and top level aesthetics with natural look due to increased translucency.

98 mm x 12 mm 98 mm x 14 mm 98 mm x 16 mm 98 mm x 18 mm 98 mm x 20 mm 98 mm x 25 mm

98 mm x 10 mm

CAD / CAM MATERIALS

HIGH TRANSLUCENT ZIRCONIA

ADAMAS

White		Shaded		Multilayer 3D
98 mm x 10 mm 98 mm x 12 mm 98 mm x 14 mm 98 mm x 16 mm 98 mm x 18 mm 98 mm x 20 mm 98 mm x 25 mm	\$ 69 \$ 79 \$ 89 \$ 99 \$ 109 \$ 119 \$ 139	98 mm x 12 mm 98 mm x 14 mm 98 mm x 18 mm	\$ 89 \$ 99 \$ 119	Available in shades: A1-D4 98 mm x 14 mm \$ 99

98 mm x 20 mm \$59.95

ACETAL RESIN PUCKS

ADAMAS

Available in shades: A0, A1, A2, A3, B1, C2, D2 Acetal disc is used for temporary crowns and bridge frameworks and is made of techno-polymer (POM). Due to its outstanding biocompatibility acetal resin disc is ideal for allergy patients.

MONOLITHIC PMMA DISCS IN ALL VITA® SHADES ADAMAS

• Very accurate shades

• Burns out very clean

• Can be customized with acrylic stains

Easy to mill





PMMA DISCS MULTILAYER ADAMAS

- Very accurate shades
- Burns out very clean
- Can be customized with acrylic stains
- Easy to mill

98 mm x 16 mm	\$89.95
98 mm x 20 mm	\$89.95
98 mm x 25 mm	\$89.95
98 mm x 30 mm	\$89.95

Available in shades: A1, A2, A3, B1, C1, D2

98 mm x 12 mm	\$19.95
98 mm x 16 mm	\$19.95
98 mm x 20 mm	\$19.95

WAX DISCS ADAMAS

Available in blue/red-brown/white/ ivory/green

ALUMINIUM OXIDE WHITE ADAMAS

50 lbs 50 mic \$139

GLASS BEADS ADAMAS

50 lbs 80 mic

\$112,98

CAD / CAM MATERIALS

CERAMILL SINTRON BLANKS AMANN GIRRBACH



- Effortless dry milling due to wax-like texture
- Excellent strength values, bonding strength and biocompatibility
- Maximum process reliability due to homogeneous, distortion-free frameworks



98 mm x 10 mm 98 mm x 12 mm 98 mm x 14 mm 98 mm x 16 mm 98 mm x 18 mm 98 mm x 20 mm 98 mm x 25 mm

.'GC.



INVESTMENTS

GC AMERICA





CERAMICS

GC AMERICA

- Buy 2 GC Initial® Sets, Get 1 FREE!*
- Buy 2 GC Initial® Zirconia Disks, Get 1 FREE!*
- Buy 1 GC Initial® Set, Get 1 GC Initial® Brush Set FREE!*
- Buy 6 GC Initial® Refills, Get 1 GC Initial® Brush FREE!*
- Buy 3 GC Initial® LiSi Press Ingot Sleeves, Get 3 GC Initial® LiSi 20g Refills FREE!*
- Buy 3 GC Initial® LiSi Press Ingot Sleeves, Get 3 GC Initial® IQ Lustre Pastes Refills OR GC
 Initial Spectrum Stains FREE!*
- Buy 5 GC Initial® LiSi Press Ingot Sleeves, Get 1 GC LiSi PressVest Powder & Liquid FREE!*
- Buy 2 GC Initial® LiSi Press Ingot Sleeves, Get 1 GC LiSi PressVest Intro Kit FREE!*

CAD/CAM

GC AMERICA

- Buy 3 CERASMART® Packages, Get 1 FREE!*
- Buy 3 GC Initial® LRF Packages, Get 1 FREE!*
- Buy 6 CERASMART® Packages, Get 1 G-CEM LinkForce® System Kit FREE!*
- Buy 6 GC Initial® LRF Packages, Get 1 G-CEM LinkForce® System Kit FREE!*
- Buy 2 GC Initial® LRF Packages, Get 1 GC Initial® LRF Glaze Paste & Liquid FREE!*
- Buy 5 CERASMART® Packages & 1 OPTIGLAZE™ color Complete Set, Get 1 The Light 405 FREE!*

CHROMA ZIRCONIA COLORING SYSTEM ORIGIN





- Level 80 Slightly Light
- Level 70 Standard
- Level 60 Slightly Strong
- Chroma™ Substructure Shades
- CHROMA 3D-Master Shade

MILLING TOOLS



\$ 79.95 for Diamond tools

\$ 29.95 for DLC/Carbide tools

MILLING BURS FOR AMANN GIRRBACH ADAMAS

Diamond

- 2.5 mm
- 1 mm
- 0.6 mm
- 0.3 mm
- **DLC/Carbide** Flat End Carbide
- 2.5 mm
- 1 mm
- 0.6 mm
- 0.3 mm

MILLING BURS FOR MASTERMILL ADAMAS

5-Axis VHF Diamond

- 2 mm
- 1 mm
- 0.6 mm

MILLING BURS FOR ROLAND ADAMAS

Diamond

• 2.5 mm

• 1 mm

DLC/Carbide

- 2 mm
- 1 mm
- 0.6 mm
- 0.3 mm

Flat End Carbide

• 2 mm

• 1.2 mm

• 0.6 mm

• 1 mm

MILLING BURS FOR WIELAND ADAMAS

• 2.5 mm

- 1 mm
- 0.7 mm

5-Axis Diamond "Mini" DLC/Carbide

- 2,5 mm1 mm
- 1 1111111
- 0.7 mm
- 0.3 mm

MILLING BURS FOR JENSEN ADAMAS

5-Axis VHF Diamond

- 2 mm
- 1 mm
- 0.6 mm

MILLING BURS FOR CAD BLU ADAMAS

5-Axis VHF Diamond

- 2 mm
- 1 mm
- 0.6 mm

SERVICES AND TECHNICAL SUPPORT CENTER

Milling machines

- Amann Girrbach
- Wieland
- Mastermill
- Jensen mill
- VHF

Sintering furnaces

- Amann Girrbach
- Nabertherm
- Mastermill
- Whip Mix
- Mundo



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