

Casting Units

Accessories for Casting Units



EDG - 100262 Refrig. Sys for Powercast 220V

US\$ 669.50

EDG- Refrigeration system (separated) for Induction Casting Powercast - 220 volts - 60hz-



BEGO - 112903 Termico Water Cooling Unit Ea

US\$ 2,050.00

**BEGO - Termico Water Cooling Ciruculation Unit
Accessories for Casting Units
112903 - Mfg # 26230**

Features:

The new circulation unit for NautilusT
The machine ensures very economical handling of resources; shortly after a casting, the water circulation is switched off in case of direct connection to the water line, and when operating with Termico, the circulation as well as the internal fans are switched off. That saves fresh water and power, and the noise level is also reduced.



Specifications:

- * Depth: 490 mm
- * Height: 450 mm
- * Power at rated voltage of 230 V, 50/60 Hz: 0.3 kW
- * Weight empty/ filled with 30 l: Approx. 15/45 kg
- * Width: 390 mm

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Casting Units

Casting Units complete



HANDLER- 103492 #74 Exac-U-Cast

US\$ 674.26

**HANDLER - Exac U Cast
Casting Unit Complete
103492 - Mfg # 74**

Features:

- * A Centrifugal Casting Machine designed for use in casting precious and non-precious metals.
- * The Exac-U-Cast features a hardened steel center shaft which is mounted



between two double shielded ball bearings.

- * A large centrifugal spring powers the heavy duty casting arm during casting operations.
- * Unit sold complete with 1 3/4" (4.4cm) stainless casting ring, 1 3/4" (4.4cm) rubber sprue former, three casting ring cradles for popular size casting rings, flask tongs and assortment of DLA Hollow.
- * Plastic Sprues.

Weight: 18 lbs. - (8.2 Kg)

Unit Dimensions: 16 1/2" diameter x 10 1/2" high (24 cm x 26.7 cm)

ACCUCAST CASTING MACHINES - BUFFALO

ACCUCAST CASTING MACHINES - BUFFALO

The rugged, improved, patented centrifugal casting machine with pre-calibrated balancing that helps ensure superior, dense castings every time. The rugged construction promotes safe operation and a long working life, and the positive locking crucible carrier secures type-A-crucibles and prevents accidental shifting or releasing.



Specifications:

- * Pre-calibrated, one-step balancing system saves time and eliminates guesswork.
- * Versatile Carrier adapter allows use with Kerr-type or Wesgo-type crucibles.
- * Drop-in spring design ensures powerful operation, keeps spring secure, and allows for easy replacement.
- * Snap-in cradles fitted to each ring flask assure correct alignment with crucible sprue holes.
- * Convenient size fits most lab benches. (19 5/16 arm length, 7 X 6 1/2 base housing, 12 1/2 overall height.

Complete Option is shipped with: 1 Type A Crucible, 4 steel ring flasks (#'s 12,17,25,35), 4 cradles (#'s 12A,17A, 25A,35A), 4 Rubber Sprue Bases (#'s 12R,17R,25R35R), 2 Flask Tongs (1 small and 1 large) and 1 Crucible Carrier Adapter.

Code	Name	Price	+
106827	Buffalo- Casting Machine (Unit) - Accucast with Crucible and Adapter Only (#28...	US\$ 580.50	+Info
106826	Buffalo Casting Machine - Accucast Complete System with accessories (B#28007)	US\$ 637.00	+Info

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BESQUAL - 100721 Centrifugal Casting unit US\$ 245.00

BESQUAL - Centrifugal Casting Machine
Casting Units Complete
100721 - Mfg # 905-100

Feature

- * Spring-Operated with a Precision Stainless Cast Arm and Die-Cast Barrel.
- * Strong Spring for C&B or Chrome Cobalt Partials.
- * Fits the 4 Most Used Ring Sizes.
- * Flask tongs.

Includes:

- * 3 Popular Sized Casting Ring Craddles.
- * Biggest Ring Goes Direct With No Cradle Needed.
- * Compatible with Standard Kerr Crucibles.
- * Heavy Duty Spring.

Dimensions: Diameter (arm) - 370 mm / 14.6 inches.

Height: 270 mm / 10.7 inches.

Weight: 15.6lbs / 7.9Kg.



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BEGO - 10-25025 Fundor T. Bcht Cstg Mchn 220v

US\$ 4,699.00

BEGO - Fundor T Casting Machine - 220 Volts Centrifugal Units
10-25025 - Mfg # 25025

Feature:

- * Casting of all dental alloys (except titanium).
- * Rugged, maintenance-free motor with long service life.
- * Double-jointed arm enables constant casting quality.
- * Variable starting speed.
- * Quick-clamping device for fast and secure insertion of crucibles and moulds.
- * Durable ceramic melting crucible for all alloys.
- * High degree of safety due to cover lock. Meets OSHA standards.
- * High degree of stability: additional fastening devices not necessary.
- * Variable mould holder.

Contains:

- * 1 safety glasses
- * 3 precious-metal melting crucibles
- * 3 combination melting crucibles
- * 1 dispenser Auromelt HF-
- * Casting mould former- sizes 3- 6 and 9- 1 each

Weight: approx. 45 kg/ 100 lbs

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Casting Units
Casting Wells

CASTING WELL - HANDLER
CASTING WELL - HANDLER

A casting well made of heavy gauge sheet steel with steel and fiberboard base, finished in a durable, baked coating.



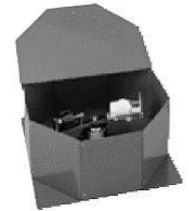
Code	Name	Price	+
103493	#74CW HANDLER - Casting Well with cover - 9in x 14in [H# 74CW]	US\$ 476.41	+Info
103526	#235W HANDLER - Casting Well 18in x 14in weight 65lb	US\$ 444.43	+Info

DIXON - 100891 Dixon Casting Well/Guard 60cm

US\$ 234.50

Dixon

Dixon - Casting Well/Guard
Casting Wells
100891



Features:

- * Casting Well/Guard
- * An eight sided casting guard which accommodates casting machines with up to a 23.5in (60cm) arm swing
- * With sheet metal base and hinged cover to help guard centrifugal casting machines

Dimensions: 23.5 in diameter x 11.5 in high [60cm x 29cm]

Weight: 23lbs

KERR - 100894 Kerr Casting Well/Guard 48cm

US\$ 285.00

KERR

Kerr - Casting Machine Well/Guard - #15550 A Cylindric casting guard which accommodates casting machines with up to a 19in (48cm) arm swing - Weight 65lb -KERR - Casting Machine Well/Guard

Casting Wells

100894 - Mfg # 15550



Features:

A Cylindric casting guard which accommodates casting machines with up to a 19in (48cm) arm swing - NO base and NO cover [proteccion aro proteccion centrifuga cuna]

Unit Dimensions: 19 in diameter x 14 in high [48cm x 35.5cm]

Weight: 35lb

Casting Units

Induction Casting units



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BEGO - 106941 Fornax-T. Induct Casting US\$ 15,000.00

**BEGO - Fornax T Bench Top Casting Machine
Induction Casting Units
106941 - Mfg # 26140**

Feature

The Fornax T is a Compact bench top casting machine with very high-performance induction heating guarantees short melting cycles, minimizes oxidation and thus facilitates subsequent finishing

The Fornax T Compact dimensions and design give the new Fornax T a very small footprint. The machine features integrated power cooling which enables more than 50 casts in a row, even with high ambient temperatures, making this machine a must have in any dental Laboratory.

Advantages

- * More than 50 casts in a row are possible, even if ambient temperatures are high
- * Does not require a water supply or water outlet - can be used immediately anywhere
- * No water consumption, no water damage and no reliance on local water quality
- * Furthermore, the costs of installing an expensive water system are saved
- * Since the unit does not require a water supply, condensation forming on the crucible coil in the winter months is no longer a concern; "explosions", mould cracks and the resulting flawed casts are a thing of the past

Technical Specifications

- * Rated voltage: 230 V, 50/60 Hz
- * Special voltage: 200 - 240 V, 50/60 Hz
- * Power consumption: approx. 16 A
- * Induction melting power: 3.6 kVA, 65 kHz
- * Weight: approx. 70 kg
- * Height: 450 mm
- * Height with the lid open: 965 mm
- * Width 650 mm
- * Depth 625 mm

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NAUTILUS CC PLUS CASTING - BEG



NAUTILUS CC PLUS - BEGO

The **Nautilus CC Plus** is a Combination of high-frequency melting and vacuum pressure casting. Nautilus CC plus combines the advantages of high-frequency melting with those of vacuum pressure casting: the alloy is melted in the area around the crucible opening.

The **Nautilus CC Plus** is operated and controlled via a 5.7 inch color touch display which offers quick response times and simple menu navigation accompanied by recommendations on what to do.

Combination of high-frequency melting and vacuum pressure casting

Using a highly efficient vacuum pump, the oxygen level in the entire casting chamber is greatly reduced within a very short space of time and the alloy is melted by means of a high-frequency magnetic field.

The melt then flows directly under vacuum from the hot area into the mould without temperature loss. Within fractions of a second, the still molten alloy is then pressed into the finest crevices of the object.

User-friendly operation via the 5.7 inch color touch display



TECHNICAL

Rated voltage
Special voltage
Power at rated voltage 230 V
Compressed air connection

(connection thread 1/4")
Air consumption
Water supply (connection thread 3/4")
Water discharge
Weight
Height
Height with Optical Waveguide
Width
665 mm Depth

SPCEIFICATIONS

230 V, 50/60 Hz
200 - 240 V, 50/60 Hz
16 A
at least 5 bar
[0.5 MPa]
approx. 180 l/min
at least 3 l/min
washbasin or siphon
approx. 70 kg
420 mm
650 mm
700 mm

Code	Name	Price	+
106935	BEGO - Nautilus CC Plus Casting 220V #26355 - Fully Automatic vacuum pressure ca...	US\$ 25,125.00	+Info
ACCESSORIES			
Code	Name	Price	+
10-14990	BEGO - Nautilus Vacuum Filter 2pk #14990 #14990	US\$ 107.02	+Info
10-52467	BEGO - Nautilus Ceramic Handles for ceramic crucibles 2pk #52467 #52467	US\$ 56.45	+Info

EDG - 100208 Powercast Induc Casting Centr. US\$ 9,064.00

[EDG- Powercast Induction Casting Centrifugal Machine](#)
[Induction Casting units](#)
100208 - Mfg #1700

Features:

EDG induction centrifuges melt all metals except titanium without the use of gases or flame. Heating is by electromagnetic induction. Completely safe, clean, precise eliminates rework in foundries. Economical, they consume on average, in each fusion the equivalent of an electric iron connected for 4 minutes. Balancing the centrifugal arm by balancing device. Fast and secure attachment of the ring.

Technical Specifications

Height: 535 mm
Width: 600 mm
Depth: 650 mm
Volts: 220

Characteristics Of The Power Cast 1700

Maximum current 14A
Net weight of equipment 63 kg
Argon system SIM
SIM power control
Maximum power 3,000 WATTS
Melting temperature 1,750oC
Centrifugal arm with prism-balanced counterweight
Metal receiver YES
Quick ring fastener SIM
Manual Shooting YES



Arm rotation speed control YES
Arm acceleration control YES
SIM protection port
SIM port sensor
Optical viewfinder with light / dark lens YES
Optical temperature sensor YES
Temperature indication YES
Fault indication YES
Water valve YES
Overheating indication YES
Coil position indication YES
Power failure indication YES
Ground fault indication YES
Fusing time indication YES
LCD panel lcd
Fixed spin time YES
General circuit breaker YES
Maximum melting capacity 80g

Catalog Index / Indice

Accesorios for Casting Units	1
Casting Units complete	1
Casting Wells	4
Induction Casting units	5