



BEGO

CASTING MACHINES

Discover the new generation of
BEGO casting machines

Partners in Progress





Nautilus® T

The compact, benchtop vacuum pressure-casting machine with integrated power cooling, induction heating and camera system

Nautilus® T is equally suitable for both non-precious and precious metal alloys, as well as partial denture casting. A new integrated camera system supports the dental technician by providing visual casting point recognition.

- New: Network connection via LAN or W-LAN enables access to the integrated casting log archives
- New: The connection via the service portal* my.Bego.com enables direct remote diagnosis of the device
- Large 7" touch display with intuitive menu navigation for convenient and easy operation
- High-performance induction heating guarantees short melting cycles, minimises oxidation and thus facilitates subsequent finishing
- Integrated power cooling provides for over 50 casts in a row, even with high ambient temperatures with moulds made of phosphate-bonded investment materials
- Integrated cooling saves water and helps to protect the environment
- Suitable for all commercially available precious metal and non-precious alloys (excluding titanium)
- Compact dimensions and design give the Nautilus® T a very small footprint
- Eco mode switches off all unnecessary components in idle mode and reduces operating costs

* BEGO customers have access to all relevant user-specific information and services on the my.BEGO.com service portal.

Product details

Technical data

Height	420 mm
Height with cover open	520 mm
Width	600 mm
Depth	670 mm
Rated voltage	230 VAC, 50/60 Hz
Power at rated voltage of 230 VAC	16 A
Compressed air connection (Connection thread 1/4")	at least 5 bar (0.5 [MPa])
Air consumption	approx. 100 l/min
Weight	approx. 63 kg

Scope of delivery

Scope of delivery	Contents	Presentation	REF
Nautilus® T, 230 VAC, 50/60 Hz		piece	26470
Ceramic crucibles (each made of 2 halves)	4 pieces	pack	52488
Plastic handles for ceramic crucibles	2 pieces	pack	52436
Ceramic handles for ceramic crucibles	2 pieces	pack	52467
Graphite ingots	2 pieces each	piece	52468
Glass carbon cylinder	1 piece each	piece	52473
Forceps		piece	30002
Mould holder plate, ceramic		piece	30259
Mould holder (ceramic) for sizes 1 and 9		piece	12257
Mould holder (ceramic) for sizes 3 and 6		piece	13362
Mould holder plate (metal grid) for partial denture (25 mm high)		piece	37618
Mould holder plate (metal grid) for partial denture (15 mm high)		piece	10073
Base socket mould formers, sizes 3, 6 and 9	1 piece each	piece	–
Partial denture funnel former		pack	52068

Accessories

Compressed air tank with wall bracket		piece	16260
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Compressed air tank, ideal for insufficient compressed air conditions.





NEW:
With large 7"
color touch
display

Nautilus® CC plus

The compact, benchtop vacuum pressure-casting machine with integrated power cooling, induction heating and automated casting process

Nautilus® CC is equally suitable for both non-precious and precious metal alloys, as well as partial denture casting. The integrated fully automatic temperature measuring system uses multi-channel temperature measurement to determine the exact temperature of the melt and fully automatically triggers the casting process.

- **New:** Network connection via LAN or W-LAN enables access to the integrated casting log archives (up to 1,000 casting logs)
- **New:** The connection via the service portal* my.Bego.com enables direct remote diagnosis of the device
- Casting point recognition ensures that the cast objects are filled at the temperature recommended by the alloy manufacturer
- Large 7" touch display with intuitive menu navigation for convenient and easy operation
- High-performance induction heating guarantees short melting cycles, minimises oxidation and thus facilitates subsequent finishing
- Integrated power cooling provides for over 50 casts in a row, even with high ambient temperatures with moulds made of phosphate-bonded investment materials
- Integrated cooling saves water and helps to protect the environment
- Suitable for all commercially available precious metal and non-precious alloys (excluding titanium)
- Compact dimensions and design give the Nautilus® CC plus a very small footprint
- Eco mode switches off all unnecessary components in idle mode and reduces operating costs

* BEGO customers have access to all relevant user-specific information and services on the my.BEGO.com service portal.

Product details

Technical data

Height	420 mm
Height with optical waveguide	650 mm
Width	600 mm
Depth	670 mm
Rated voltage	230 VAC, 50/60 Hz
Power at rated voltage of 230 VAC	16 A
Compressed air connection (Connection thread 1/4")	at least 5 bar (0.5 [MPa])
Air consumption	approx. 100 l/min
Weight	approx. 64 kg

Scope of delivery

Scope of delivery	Contents	Presentation	REF
Nautilus® CC plus, 230 VAC, 50/60 Hz		piece	26475
Ceramic crucibles (each made of 2 halves)	4 pieces	pack	52488
Plastic handles for ceramic crucibles	2 pieces	pack	52436
Ceramic handles for ceramic crucibles	2 pieces	pack	52467
Graphite ingots	2 pieces each	piece	52473
Glass carbon cylinder	1 piece each	piece	52468
Forceps		piece	30002
Mould holder plate, ceramic		piece	30259
Mould holder (ceramic) for sizes 1 and 9		piece	12257
Mould holder (ceramic) for sizes 3 and 6		piece	13362
Mould holder plate (metal grid) for partial denture (25 mm high)		piece	37618
Mould holder plate (metal grid) for partial denture (15 mm high)		piece	10073
Base socket mould formers, sizes 3, 6 and 9	1 piece each	piece	-
Partial denture funnel former		pack	52068

Accessories

Compressed air tank with wall bracket		piece	16260
Printer for casting logs (for previous version of unit)		pack	16267





Fornax® T

The compact casting machine with induction melting device and integrated power cooling

Fornax® T is equally suitable for both non-precious and precious metal alloys, as well as partial denture casting. With two adjustable starting speeds, optimum filling is guaranteed for every cast object.

- Benchtop casting machine with high-performance induction heating guarantees short melting cycles, minimises oxidation and thus facilitates subsequent finishing
- The user-friendly operating panel provides information on all parameters and gives quick and easy access to all major functions
- Integrated power cooling provides for over 50 casts in a row, even with high ambient temperatures with moulds made of phosphate-bonded investment materials
- Integrated adjustable infrared sensor for safe and gentle melting of all standard precious metal and non-precious metal alloys (excluding titanium) at a casting temperature of up to 1,550°C
- High output reserves with low power consumption of just 16 amps
- Very quick adjustment to different casting mould sizes by means of a simple mechanism ensures fast working
- Compact dimensions and design give the new Fornax® T a very small footprint

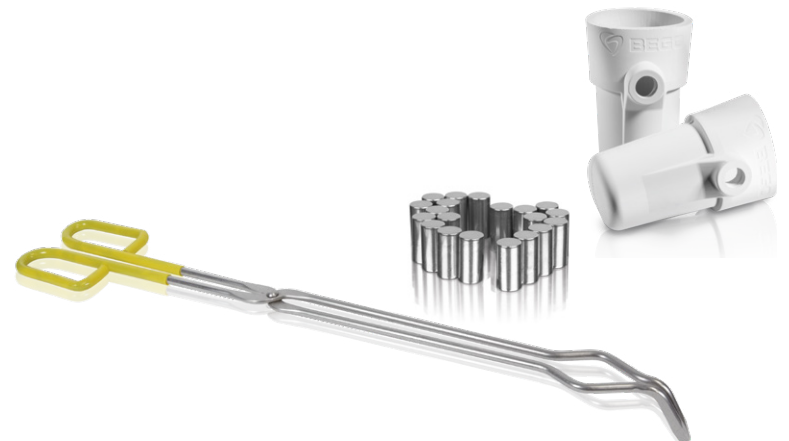
Product details

Technical data

Height	455 mm
Height with cover open	910 mm
Width	710 mm with lever
Depth	615 mm
Depth with cover open	675 mm
Rated voltage	230 VAC, 50/60 Hz
Special voltage	200–240 VAC, 50/60 HZ
Current consumption	approx. 16 A
Heating power	3.6 kVA, 65 kHz
Weight	80 kg

Scope of delivery

Scope of delivery	Contents	Presentation	REF
Fornax® T 230 VAC, 50/60 Hz		piece	26480
Ceramic crucible	6 pieces	pack	52483
Graphite inserts	6 pieces	pack	52454
Ceramic inserts for ceramic melting crucible	6 pieces	pack	52455
Base socket mould former, sizes 3, 6 and 9	1 piece each	pack	–





Accessories for Nautilus® & Fornax® T

Accessories Fornax® T

Availability	Contents	Presentation	REF
Fornax® FC ceramic crucible	6 pieces	pack	52483
Graphite inserts	6 pieces	pack	52454
Ceramic inserts for ceramic melting crucible	6 pieces	pack	52455
Glassy carbon inserts	4 pieces	pack	54883



Accessories Nautilus® & Fornax® T

Availability	Contents	Presentation	REF
Lollipop (pressure pulverizer)	100 ml	bottle	52477
Auromelt HF (dispenser)	65 g	tin	52525
Wiromelt (dispenser)	80 g	tin	52526
Base socket mould formers	4 pieces 4 pieces 4 pieces	set set set	52627 52628 52629
Mould tong		piece piece	39754 11599



Accessories Nautilus®

Availability	Contents	Presentation	REF
Nautilus® ceramic crucible FC	4 pieces	pack	52488
Plastic handles for Nautilus® ceramic melting crucibles, exclusively for use in the casting of partial denture- and non-precious alloys	2 pieces	pack	52436
Ceramic handles for Nautilus® ceramic crucibles, to be used for the casting of precious alloys	2 pieces	pack	52467
Graphite ingot	6 pieces	pack	52468
Glass carbon cylinder	4 pieces	pack	52473
Funnel formers for partial denture technique	100 pieces 10 pieces 10 pieces 10 pieces	pack pack pack pack	52068 52075 52060 52066





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