



# BEGO CASTING MACHINES

Discover the new generation of  
BEGO casting machines



## 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) with casting temperatures up to approx. 1,550 °C
- 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.

Images and illustrations are examples. Colors, symbols, designs, and information on the depicted labels and/or packaging may differ from reality.

### 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

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

#### Accessories

Compressed air tank with wall bracket	1 piece	16260
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**Compressed air tank**  
Ideal for insufficient compressed air conditions.



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## 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) with casting temperatures up to approx. 1,550 °C
- 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

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### Product details

#### Technical data

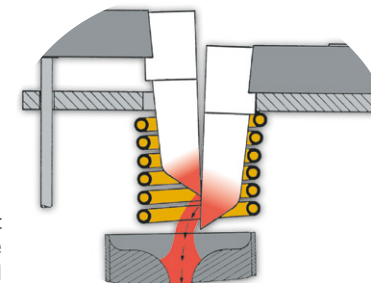
Height	420 mm
Height with optical waveguide	650 mm
Width	600 mm
Depth	670 mm
Rated voltage	230 VAC, 50/60 Hz
Power at rated voltage of 230 VAC	16 A
Compressed air connection (Connection thread 1/4")	at least 5 bar (0.5 [MPa])
Air consumption	approx. 100 l/min
Weight	approx. 64 kg

#### Scope of delivery

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

#### Accessories

Compressed air tank with wall bracket	1 piece	16260
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**Nautilus vacuum pressure casting concept**  
The molten mass flows from the hot zone of the crucible directly into the casting mould

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## 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

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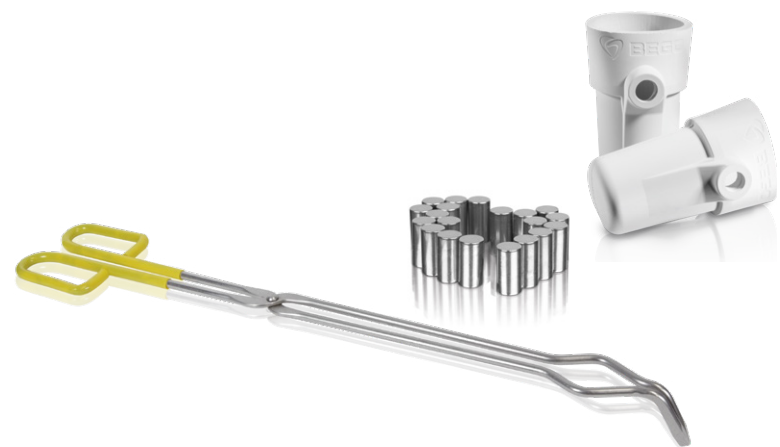
### Product details

#### 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

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



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## Accessories for Nautilus® & Fornax® T

### Accessories Fornax® T

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

### Accessories Nautilus® & Fornax® T

Availability	Contents	REF	
Lolipot (pressure pulverizer)	100 ml (bottle)	52477	
Auromelt HF (dispenser)	65 g (tin)	52525	
Wiromelt (dispenser)	80 g (tin)	52526	
Base socket mould formers • Size 3 • Size 6 • Size 9	4 pieces 4 pieces 4 pieces	52627 52628 52629	
Mould tong • 55 cm long • 64 cm long	1 piece 1 piece	39754 11599	

### Accessories Nautilus®

Availability	Contents	REF	
Nautilus® ceramic crucible FC	4 pieces	52488	
Plastic handles for Nautilus® ceramic melting crucibles, exclusively for use in the casting of partial denture- and non-precious alloys	2 pieces	52436	
Ceramic handles for Nautilus® ceramic crucibles, to be used for the casting of precious alloys	2 pieces	52467	
Graphite ingot	6 pieces	52468	
Glass carbon cylinder	4 pieces	52473	
Funnel formers for partial denture technique ① Funnel formers ② Funnel formers ③ Funnel formers ④ Funnel formers	100 pieces 10 pieces 10 pieces 10 pieces	52068 52075 52060 52066	

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