

CAST

Compact Centrifugal Casting Machine

CAST is an award winning centrifugal casting machine designed to make casting more efficient and versatile.

The small unit is made for flame melting to cast silver, gold, platinum and all other metals suitable for casting under atmospheric conditions.

Up to 14 ounces of gold can be cast in one cycle within its compact frame, which measures just 6.6" in diameter and 10" in height.

In contrast to conventional centrifugal devices, the mold of the device does not rotate at the end of a revolving arm but around its own axis. The patterns are sprued radially during casting, which cuts metal waste by about 50 percent over traditional casting tree methods.

The machine is available as a desktop and recessed version to match available workshop space.



Sample set up

3D printed patterns . . .



conventional waxparts . . .



or natural objects . . .



with Cast you've got the right tool for any challenge.



Specifications (US)

Voltage:	115 V / 60 Hz
Power consumption:	20 W
Height/diameter:	270/170 mm
Weight:	8,5 kg
Speed:	1,100 rpm
max. quantity:	450 g (18 kt YG)

230 V / 50 Hz on request



CAST



by TI-RESEARCH

The size

. . .smaller than you might imagine.



The capabilities

. . . more than you will believe.

CAST

Made in Germany by **TI-RESEARCH**

You always wanted to integrate the casting process into your workshop. With *CAST* you not only satisfy your customers' imagination but your requirements as well.

Conventional wax patterns, state of the art 3D printed parts or natural objects, *CAST* provides all the benefits and convenience you need:

- no hassle with shipping of patterns
- no expensive consignments of valuables
- no delays with casting jobs
- full flexibility with customer preferences
- casting of one of a kind designs
- casting on demand, even same day
- full control of expenses
- your design from the idea to the finished piece under your roof

CAST – more freedom of design and workflow in less time from the idea to the finished product.

CAST provides:

- versatility in use of metals from silver, gold, stainless steel and even platinum
- better results by centrifugal force unrivaled by vacuum only
- higher level of protection from operational hazards by fully closed cabinet
- robust quality by all stainless steel design Made in Germany

Take advantage of your in house casting. Treat yourself to something valuable in your workshop and order your *CAST* today.

Yes! I take this opportunity and order:

Qty.	Item #	Item	Price
	1010-00	<i>CAST</i> /T table top centrifugal casting device	US\$ 2.895,00
	1020-00	<i>CAST</i> recessed centrifugal casting device	US\$ 3.095,00

*Prices quoted are exclusive all ancillary costs and statutory rates of VAT

Organization _____

Name _____

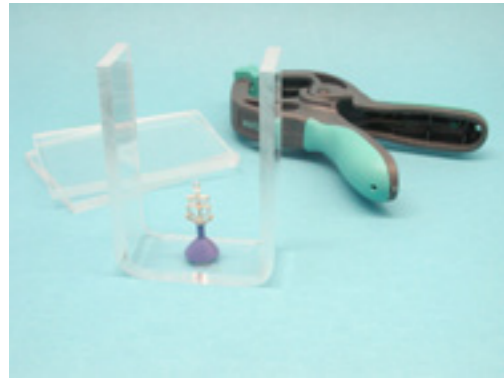
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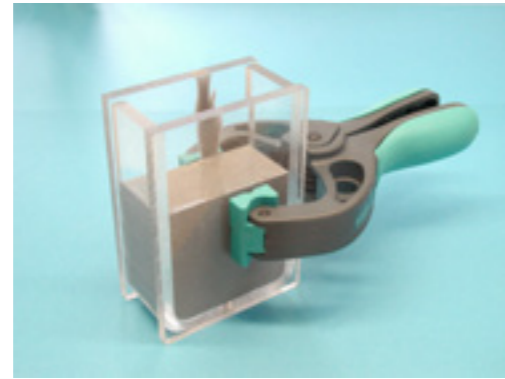
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Date _____

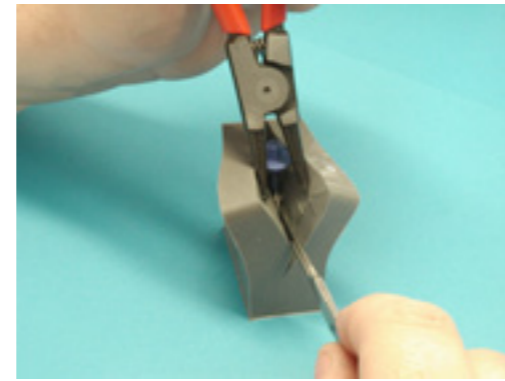
Signature _____



Starting with the master model . . .



. . . a silicon model is made.



After curing . . .



the mold is cut in halves.



just like casting.



After devesting and cleaning . . .



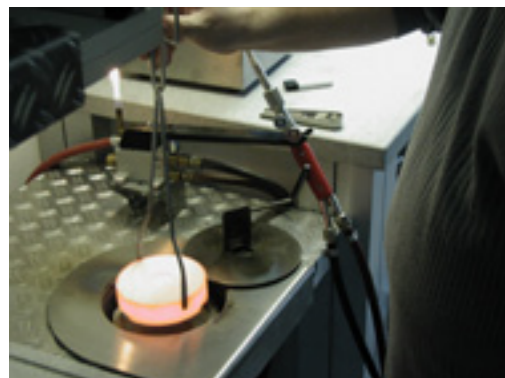
the perfect result.



Appropriate equipment . . .



makes high quality results really simple.



Investing and burn out as usual . . .



The finished pattern may be sprued alone or together with other parts for casting.

Product video

