

< LUKACAST S



LUKACAST S

One of the smallest vacuum
induction melting machines!
SMALL SIZE, HIGH
PERFORMANCE!

Despite its small size, the **LUKACAST S** is equipped with numerous technical features that ensure the quality of the melt. It combines rapid heating with efficient mixing of the metal by induction bath movement, even with small amounts of metal. Melting can be carried out under vacuum or with argon (to reduce oxidation). After casting, an overpressure can be added to optimise the result.



Insert the crucible with the material into the quartz glass tube inside the inductor. Press START.



Preheat the cylinder according to the coating manufacturer's instructions. When the temperature is reached remove the cylinder...



...and insert it into the fusing unit. Closure. Press START again to start the vacuum. After a short period of time the material will be melted.



A quarter turn is sufficient to complete the casting in the cylinder. You can monitor the process thanks to the screen.



After fusing, the unit automatically switches to vacuum to optimise the results. The melting process will be now complete.

Quick and easy melting

Gracias al diseño de la unidad, el fundido se realiza con un giro de un cuarto de vuelta, limitando así el número de partes en movimiento y por tanto requiere sellados a un menor nivel. El hecho de tener menos piezas móviles nos garantiza una mayor durabilidad y una mejor eficiencia económica.

It can be used with all metals, including chromium and non-precious alloys

Due to the 3.5 kW induction heating, the melting takes place quickly and in an oxidation-free environment. All metals can be melted without problems. The crucibles are large enough to hold all the quantities of material required in a dental laboratory. Of course, it can also melt small quantities of material, which is a major advance in efficiency. This new vacuum and induction melting technique produces excellent results, both with solid parts and with as little thickness as possible.

Easy to install

The LUKACAST S is very easy to install. All you need is a 230 V power supply and a water connection. In case you do not have a water supply in your laboratory, we can supply you with an external water cooling unit. Thus, you are free to decide where to place the LUKACAST S. Due to its small size and weight, it can be transported quickly and at low cost.

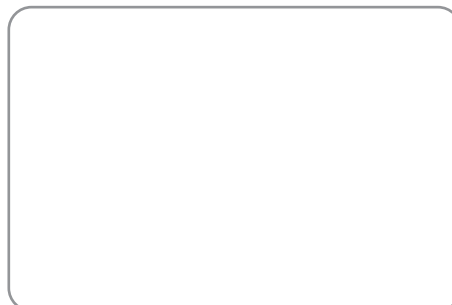


Characteristics

Electrical connections:	3.5 kW / 230V
Maximum melting temperature:	2,000 °C
Crucible volume:	15 cc / 150 g (Au 18K)
Weight:	27 kg
Size:	40 x 44 x 43h cm

- Digital display for temperature and power supply monitoring.
- Ceramic crucibles for common dental alloys and graphite sheaths for high gold alloys.
- Vacuum, argon and air pressure connection.
- Easy operation, with optional temperature control (up to 1600 °C).
- All sizes (1 to 9) and cylinder types can be used with LUKACAST S.
- High homogeneity even at the lowest possible thickness.
- Error monitoring via GSM mode.

Official dealer:




protechno

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