Fusion /40

Immersion unlocker



The unlocking device FUSION/40 is made with the purpose to place at disposal of the optics laboratories a simple and extremely robust instrument, to unlock the finished lenses from the support with molten metal blocking ALLOY.

Fusion/40 is a device to unlock the lens holder bloks, with total recovery of the metallic alloy.

Completely made of stainless steel it is provided with water level and temperature control.
Capacity over 40 lens holder.

The lens holder recovery is made by a stainless steel box which, as it is easily extractable towards up, allows to the operator to avoid the hands immersion into hot water.

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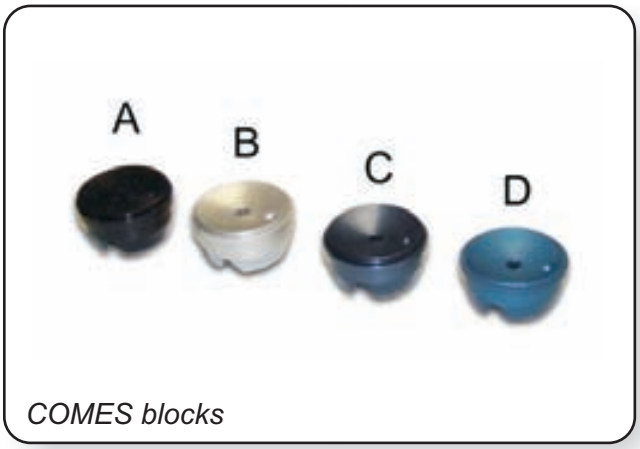
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The tank, opportunely shaped with the object to channel all the alloy to avoid wastes, receives the molten material in the lower part of the same. Acting on the unloading knob (designed to avoid that the hot of the tank get on the operator hands), the molten alloy flows in the below case, provided with a special cone which canalize the liquid material spreading it uniformly and avoiding the accidental leakage. In the lower part of the tank, before the unloading valve, there is a stainless steel net filter to prevent the passage of rough impurities to avoid the obstruction of the unloading valve.

To heat the 25 lt. of water contained in the tank are used two different systems:The first acts directly on the tank and on the unloading valve, the second, immersed, heats water, an adjustable thermostat controls in continuous cycle the water temperature, keeping it constant. The thermostat can control temperatures up to 80° and keep it constant with a margin of +/- 1°C.

The use of unlocking device determines water evaporation, which should be occasionally replenished to keep the temperature steady.
A level detector warns, with a red luminous indicator, when the minimum water level is reached to allow the correct use of the machine. The detector stops the functioning of heating systems with the aim to protect them. With the water replenishment the level light switches off and then the following restart is completely automatic.





COMES blocks



Technical Data

DIMENSIONS and WEIGHT	mm 560 x 520 x 530h. / Kg.41 (without water)
TANK CAPACITY	25 Lt.
VOLTAGE	230V. - 50/60Hz. standard (others on demand)
ELECTRIC POWER	650 watt.
PRODUCTIVITY	Up to 40 COMES blocks (lenses Ø70)
TEMPERATURE RANGE	0/80°C

CE