

A4602 ROTOJET



Product group

Main features

Electric centrifuges for the injection of torch melted metals

- ⇒ **Extremely compact in size, it is the smallest model available in this specific product range**
- ⇒ High quality finishing, working chamber in **stainless steel**
- ⇒ Rigid centrifugal arm, directly connected to the motor (no driving belt) = **reduced vibrating effect**
- ⇒ **Exclusive balancing system (preset positions)**
- ⇒ **Exclusive casting ring truing system (one only universal support)**
- ⇒ Adoption of specific safety mechanisms which do not interfere with working conditions
- ⇒ **Bench-top machine** – a practical **table support unit** is available to put it at the correct working position
- ⇒ **Possibly to house it inside the suitable drawers of the fume extraction hood**

Motorization

Direct current (180v) 3000 revolutions per minute permanent magnet engine with worm reduction unit (reduction ratio 1/7) – power 120W

Max number of revolutions

490 per minute

Ø arm rotation

Ø 430 mm

Acceleration control

YES – through electronic circuit to fit to any alloy

Speed control

YES – through electronic circuit to fit to any mass

Control of rotation time

YES – possibility to set any time, starting from 10 seconds up to several minutes

Casting ring size min. / max.

Ø 25 mm - Ø 90 mm

Height of casting rings

Min. 40 mm – max. 75 mm

Melting techniques

Both traditional technique with metallic casting ring and free expansion method. Please ensure that cylindricity is preserved with the melting cone right at the centre, otherwise specific adapters will have to be fitted

Crucible

Ceramic crucible to be vitrified and heated before use. Two versions are available differing in depth and height of the edge

Crucible useful volume

10 cubic cm – multiply for the alloy specific weight to determine the maximum quantity to be used

Line voltage

230v AC 50 Hz

Absorption

250W

Width

510 mm

Depth

470 mm

Height

335 mm

Height with support

815 mm

Net weight

40.0 Kg (43.0 Kg packed)

Weight with support

46.7 Kg (51.0 Kg packed)