

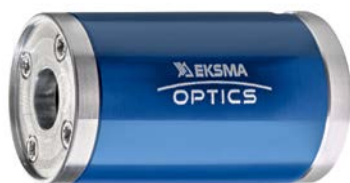
COMPACT CRYSTAL OVEN – HP15 / HP30

Features

- Compact Ø1" design
- Temperature range: 25 – 70 °C
- High long-term stability

Heatpoint series HP15 / HP30 ovens are compact round heaters designed for thermo-stabilization of humidity-sensitive nonlinear crystals in the 25 – 70 °C range. Due to their compact design, Heatpoint ovens can be easily installed into tight spaces and mounted to any standard one-inch positioning mount. Heatpoints are available in two sizes: HP15 accepts crystals up to 15 mm long, while slightly longer HP30 fits crystals up to 30 mm long. The exact aperture of the crystal must be specified when ordering.

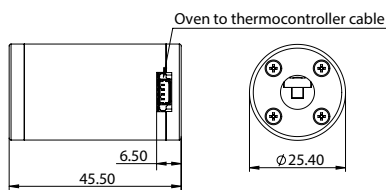
When used with an HPC thermocontroller, Heatpoint ovens exhibit precise long-term stability and are perfect for keeping nonlinear crystals at their optimal operational temperature, preventing moisture condensation on the crystal's faces.



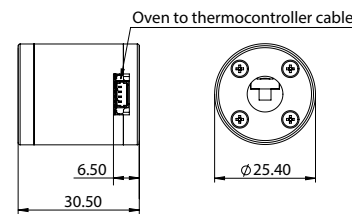
Heatpoint HP30



Heatpoint HP15



HP30 dimensions



HP15 dimensions

Specifications

Model	HP15	HP30
Crystal length (max)	15 mm	30 mm
Crystal aperture (max)	6 × 6 mm	
Temperature tuning range	25 – 70 °C	
Temperature tuning step	0.1 °C (knob) 0.001 °C (remote)	
Long-term stability	± 0.1 °C	
Temperature ramp rate	1 – 10 °C/min ¹⁾	
Powering requirements	12 V DC	
Power consumption (P _{MAX})	< 8 W	
Oven-to-thermocontroller connector	Picoblade, Single row, 4 Circuit ("Lo")	
Dimensions (oven)	Ø 25.4 × 30.5 mm	Ø 25.4 × 45.5 mm
Oven cable length	0.45 m	
Price, EUR	350	350

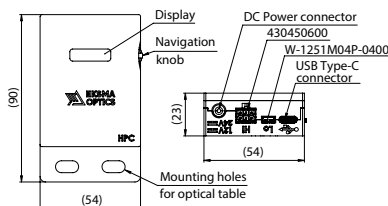
¹⁾ By default, limited to 4 °C/min.

Related products

Kinematic Positioning Mount 840-0193
See page 2.27



HPC Thermocontroller



Description	Model	Price, EUR
Thermocontroller with power supply (12 V) for HP15/30 Oven	HPC	635