



Piston Cell Set 5





We introduce you a research cell
suitable of active area 5 cm² designed for scientific laboratory.
Electrically heated and pressure control of clamps.

Piston cell	
Active area	5 cm ²
Thermal management	electric cartridge heater (top 125 W, bottom 250 W)
Operating temperature	Max 120°C
Temperature control	2x thermocouple K type
Provision for plates	Compatible with graphite plates, silicon gaskets
Compression	piston, pressure air operated, up to 15 Bar
Fuel connection	6 mm tubing (1/4" under request), Compression fittings
Piston connection	6 mm tubing (1/4" under request), push-in fitting
Safety	Pressure regulator included to prevent any damage or harms
Weight	4 kg
Dimensions	140x175x310 mm
Plates / Gas distributors	
Active area	5 cm ²
Type of channels	Single serpentine
Material	Graphite for FC application
Voltage senses	Ready for 4 point measurement
Heater controllers	
Number of channels	2
Type of control	Precise PID independent control.
Provision for temperature measurement	Interface for TC of any standard (J,K,T,...).
Power of channels	230 V x 3 A or 110-120V x 3 A, for each channel
Manual control	All channels are possible to control onside by display and buttons
Computer control	Possible to control remotely by computer with USB port.
Safety	Heater is stopped whenever the thermocouple is disconnected. Fuse for each channel.
Power	110-230V AC, 1380 W
Dimension	190x70x200 mm
Weight	0.85 kg

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