DATASHEET

Model-984

Isotech

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Gas Flow System
Model 984

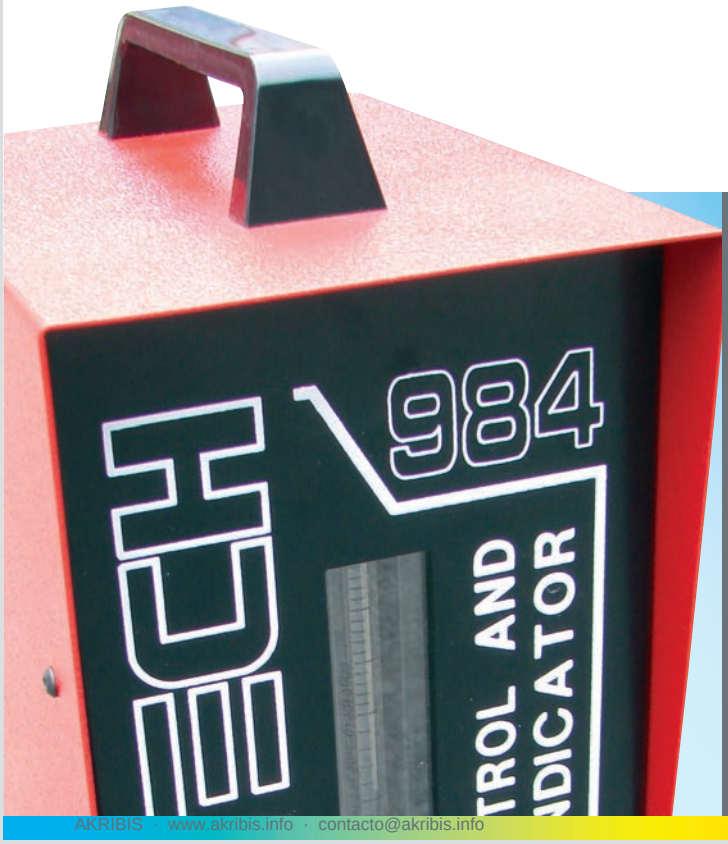
- Designed for Isotech Blackbody Cells
- Protect High Temperature Cells
- Gas flow interuption alarm

The higher temperature Isotech Blackbody Fixed Point Cells consist of high purity metals within a graphite body. Graphite reacts with air to form Carbon Dioxide. The rate of the reaction is temperature dependant. The effect is small at low temperatures but increases at higher temperatures.

For Indium and Tin cells the effect is small and for Indium, Tin and Zinc cells in general no attention needs to be made. Yet for Aluminium, Silver and Copper Cells the oxygen must be excluded or the cells would be quickly damaged.

The Model 984 Gas Flow System connects between an inert gas supply, such as Argon or Nitrogen and the Cell in its apparatus.

The Model 984 has a regulator and a flow meter optimised to easily set the flow to 12 litres/hour (0.2 l / min) and features an audible alarm should the gas flow be interrupted.



Model	**984**
Input - Output Connectors	Genevac 16KF
Maximum Flow	16 litres/hour
Alarm	Audible
Power	15W
Voltage	12Vdc
Dimensions	Height 240mm Width 120mm Depth 220m (excluding connection pipes)
Weight	2.5kg

How To Order
Model 984 Gas Flow System
Supplied with external power supply, 2 x connecting pipes and fittings

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