

Heating Jackets

Electrical Heating Jacket for liquid and solid sampling in transmission to 250°C



For transmission studies of liquids or solids up to 250 °C the Electrical Heating Jacket, used with a range of liquid or solid sample holders, is ideal. The sample cells are held in the jacket by a stainless steel retaining plate and quick release nuts.

The heating jacket system uses a low voltage heater integrated into the metal cell holder. The watercooling, necessary for thermostatic control, acts as a thermal insulator and prevents heat transfer to the spectrometer via the standard 3" x 2" mount.

The Electrical Heating Jacket is supplied with our high stability 4000 series controller and choice of optional PC communication interface RS232, 485 or USB.

Features

- Programmable controlled temperatures up to 250 °C
- Static or flow sampling capabilities
- Protective water cooling system
- Standard 3" x 2" slide mount

Ordering Information

GS20730 Electrical Heating Jacket
Includes, low voltage heated jacket with water cooling system, NiCr/NiAl thermocouple, High Stability Temperature Controller
When ordering please specify: 220V or 110V and country of final destination. Requires, but does not include, a liquid, solid, or sample holder

Optional Controller Interface
GS28000 RS 232 connection
GS28001 USB connection
GS28002 RS 485 connection

Water Heating Jacket for liquid and solid sampling in transmission



The Water Heating Jacket is similar to the Electrical Heating Jacket, but it uses circulating water to heat the sample cell. A jacket around the circular aperture is filled with a solution, for example water, heated by a thermocirculating system. Temperature control of the sample holder is reliant upon this thermocirculating system.

The sample cell holders used with Electrical Heating Jacket can also be used in this accessory.

Ordering Information

GS20710 Water Heating Jacket
Includes, Water Heating Jacket on a 3" x 2" mount
Requires, but does not include: A liquid or solid sample holder and thermocirculating system

• Illustrations, descriptions and specifications in this data sheet were correct at the time of going to press. However, Specac's policy is one of continuous product development and we reserve the right to change descriptions and specifications at any time. For the latest details please contact your local Specac office or representative.

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