

## HST THERMAL ISOLATION SAMPLE VALVE

### FEATURES

- Easy installation using 1/2" NPTF threaded ends
- Can be mounted in any orientation
- Fast response with automatic reset
- Ram type plug provides a tight shut off
- Operating temperatures are unaffected by fluctuating inlet pressures
- All stainless steel construction
- Body rating: 207Bar(G) @ 315° C, limited to 150° C by EPDM seal material



The High Sample Temperature Valve (HST) is intended for use after the Sample Cooler to provide downstream protection of any analytical equipment. Should the cooling water supply fail or sample temperature significantly rise then expensive analytical equipment will be protected. The HST is supplied with a fixed setpoint that causes the valve to close when the set temperature is reached thus stopping the sample flow, the valve will then reopen when the temperature has dropped 5° C below this setpoint. This is a mechanical device and does not require any power supply or remote signal to operate. We would recommend that a sample filter is fitted upstream of the device.

Dimensions: 35mm OD x 86mm long, CV 0.075, weight 0.52Kg

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**Lowe Engineering Limited**

**Unit 3B Kitson Road  
Leeds  
LS10 1NT  
England**

Phone: +44 (0)113 243 2997

Fax: +44 (0)113 243 2529

E-mail: [sales@loweengineering.com](mailto:sales@loweengineering.com)

Website: [www.loweengineering.com](http://www.loweengineering.com)

