



# **ReacTorr-V**

## **Data Sheet & Options**

<b>Mass Range</b>	1-200 amu standard
<b>Sample Pressure</b>	Variable, automatically adjusting between Atmospheric (1000mbar) nominal and 10E <sup>-8</sup> mbar pressure
<b>Ion Source Type</b>	High Sensitivity high pressure enclosed ion source
<b>Number of Sample Points</b>	1
<b>Sample Inlet</b>	Variable automatic leak valve
<b>Response Times</b>	0.8s
<b>Maximum operating temperature</b>	37deg C, 80% RH (non condensing)
<b>Vacuum system</b>	Oil free system with 80l/s turbomolecular pump and 1.8M <sup>3</sup> dry backing pump
<b>Mains Voltage</b>	100-130V; 200-240V
<b>PC Interface</b>	Ethernet Connection
<b>Computer</b>	Control Laptop preloaded with full operating software
<b>Dimensions</b>	30 x 30 x 30cm plus analyser housing
<b>Interfacing to SCADA systems</b>	Via analogue outputs or by direct data transfer

### Options

<b>Mass Range</b>	1-300 amu option
<b>Sample Inlet</b>	Manual leak valve
<b>Vacuum System</b>	300 l/s pumping system
	Corrosive service variant
	Flexible extension bellows