

# Description

3.4. Tech. spec.

## Description

The TURBO.CONTROL i serves to control and monitor a TURBOVAC i/iX turbomolecular pump.

Only one pump can be controlled and monitored.

The 24 VDC voltage supply can be provided by a plug power supply with round plug. The power supply unit is available as an accessory.

The TURBO.CONTROL i has two communication channels (RS 485 & USB) to the pump control and provides the possibility of attaching two measuring gauges. Connect a remote computer via the integrated Ethernet port to the web server of the TURBO.CONTROL i. Then use the installed internet browser to control and monitor the pump. The recorded data can be displayed and evaluated by means of the external Tool DataViewer.

The TURBO.CONTROL i contains a battery (button cell) for data buffering.

The TURBO.CONTROL i can be installed in a rack or be mounted in a table housing provided for it. The table housing is available as an accessory.

The following measuring gauges can be attached:  
PTR 90, PTR 90N, TTR 91, TTR 91N, TTR101, TTR 101N.

## Technical Data

Mains input	24 VDC – 1,5 A – 36 W
Dimensions	106 x 128,5 x 33 mm
Ambient temperature operation storage	0 ...+45 °C -20 ...+45 °C
Permissible air humidity	< 60% rH, non-condensing
Protection type	IP20
Protection class	III
Weight	320 g