

Checking Facility for Temperature Control Units

Product Information 2019-10



Checking Facility for Temperature Control Units

Certainty and consistent quality in any production process demand the documented maintenance of all quality-related equipment. This is also one of the requirements of a quality management system.

The temperature control unit saves the data generated by the checking facility. For analysis and generation of a certificate they can be transferred via USB thumb drive to a computer and further processed with the included software (VIP).

The test results of the following parameters will be taken and evaluated:

- Temperature validation via Pt 100 or thermocouple type J
- Pressure validation via pressure gauge
- Flow-rate evaluation via pressure drop
- Pump wear monitoring via pressure gauge

The checking facility comprises:

- Calibration certificate
- Software (VIP) for generation of certificates
- Carrying case

Checking Facility

HB-TP180/200-12

HB-TP180-45



Technical Data

Checking facility	Type	HB-TP180-12	HB-TP200-12	HB-TP180-45
Heat transfer medium		Water	Oil	Water
max. temperature	°C	180	200	180
for connection main/return line		G¾	G¾	G1¼
Calibration @ 1 bar	L/min	12	12	45
Pressure resistance	bar	25	25	25
Weight max.	kg	9	9	9
System requirements for software		Microsoft Office 2010 or higher		
Recommendation for Pt 100 reference measuring		Metrawatt International GmbH		

Ordering example: HB-TP180-12, English