ClimaCheck

ClimaCheck Performance Analyser – Test Rig

- PA Pro TII, part No. 100 958

The ClimaCheck PA Pro TII is a test rig solution for Performance Analysis of Heat pump, Refrigeration- and Air Conditioning systems. The unique semi-fixed design combines the quick connection sensors from the ClimaCheck PA Pro II Portable unit with the neatness of the fixed installation which makes it ideal for OEM quality inspections at laboratories and factories.

Features

All system components are assembled in a wall mounted distribution board suited for indoor environments such as machinery rooms or industries. A PC is needed to locally view the measurement but the PA Pro TII can be connected to the Internet with Ethernet broadband (100 950) or with GPRS modem (sold separately) to enable remote access. The Performance Analysis can be made with the ClimaCheck PA software or with the ClimaCheck Online Web Services (software and web services are ordered separately).

The following equipment is included:

- ClimaCheck PA Pro II central unit

- Pressure Sensors: 0-10 and 0-35 bar (g), ± 1%. 2 m cable.

- Temperature Sensors: 8 PT1000, Class A. 5 m cable.

- Electrical Power Meter: EP Pro II, Class B ± 1%.

- Current Transformers: 3 100:5A, Class 1. Maximum cable diameter is 23 mm or rail, 20 x 5 mm.

Accessories

ClimaCheck offers a complete range of sensors and transmitters, both wired and wireless, making the system flexible to meet the need of most complex assignments.

Example of accessories:	Part No.
• ClimaCheck Software PA, main license	800 100
• ClimaCheck Online Web Service configuration	700 600
• Current Transformers for higher ampere rates or larger cabling or rail	400 3XX
• 0-50 bar (g) Pressure Sensor	200 300
• 0-150 bar (g) Pressure Sensor	300 400
• RTD Expansion Module with four extra temperature inputs	300 610
• GPRS Modem	600 136

For a complete list of accessories please see
www.climacheck.com

Technical Specification PA Pro TII

Dimensions	375 x 285 x 136 mm (100 950) 500 x 285 x 136 mm (100 955)
Weight	3 kg
Supply voltage	230 VAC
Enclosure	IP55, V0
Inputs	8 x Temperature
	8 x Analogue (0...10V or 4...20mA)
	8 x Digital
Output	3 x Digital Ethernet, RS485, RS232
Accuracy	Temperature ± 0.25°C Analogue ± 0.1% FS
Internal memory	1 MB (stores up to 8000 sets of data)

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