

Description

- The **measuring and evaluation system "MESAS pico17"** is the new industrial computer based system with 17"- display.
- It is the high performance solution for measurement on manually operated, semi-automatic and fully automatic gauges.
- Built in heat exchangers
- Built in RFID reader
- Up to 128 input channels
- Individual programming of measurement cycle control for static and dynamic measuring tasks
- Parallel measurement and evaluation
- Statistical evaluation ref. IATF 16949



Standard Hardware Configuration

- Intel Core I5 with 4 GB RAM
- SSD - Hard disk with minimum 64 GB capacity
- Built in, high resolving 17" - Colour-Display with touchscreen
- Connector for keyboard and mouse on front side protective cover via USB
- Interface for connecting 2 off external measuring interfaces MESA tetra
- I/O-Interface with 16 opto inputs and 16 opto outputs,
- USB interfaces
- Network adapter RJ45
- External sprayproof softkey pad, protection type IP54

Standard Software Configuration

- MESAS MQMD single user measurement software with reporter for Microsoft Windows
- Operating system:
 - Microsoft Windows Professional 10 32bit or 64bit
 - Microsoft Windows Professional 11 64bit
- Option:
 - Microsoft Windows Ultimate 10 32bit or 64bit
 - Microsoft Windows Ultimate 11 64bit

Options

- Measuring inputs:
 - with 16-bit resolution
 - up to 8 internal inputs plus max. 16 external inputs
 - max. 128 external inputs without internal inputs
 - 4 internal inputs for incremental probes replacing the internal standard inputs
- Microprocessor controlled serial interface for MESAS tetra universe/pneu
- Networking interface
- Wireless networking interface
- Profibus / Profinet option
- Additional 16 opto inputs and 16 opto outputs
- Cordless ASCII keyboard and mouse
- Non-interruptible power supply
- Built in CD/DVD burner
- External monitor and softkey pad for parallel terminal
- Check list programming, creating of part sketches, programming of machine control etc.
- Special programming e.g. FFT (Fast Fourier Transformation), Ovality and camber measurement, classification etc.
- On-screen visualisation for operator guidance
- Data export to Microsoft Excel format (.csv)
- Data export to Q-DAS qs-STAT ME.XX
- Automatic creation of checklists from external machine protocol
- Installation and commissioning, training
- Extended warranty

Technical Data (Standard Configuration)

Power supply:	240 V AC, 50 - 60 Hz (Optional 110 V) power cord 1,5m
W x H x D:	device: approx. 440 x 430 x 400 mm
Protection type:	IP54
Weight:	19,5 kg
Environmental temperature:	0-45 °C
Warranty:	24 months from delivery, at MESAS