

Description

- „MESAS IPC 54“ is a PC-compatible computer without special industrial protection
- It is the high performance solution for measurement on manually operated, semi-automatic and fully automatic gauges.
- 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 I3 with minimum 2 GB RAM
- SSD - Hard disk with minimum 64 GB capacity
- built in floppy disk drive, 3 ½", 1.44 MB
- built in DVD burner
- IBM-PC-printer port
- Interface for connecting 2 external MESAS tetra
- I/O-Interface with 16 opto inputs and 16 opto outputs,
- serial interface for measuring equipment with RS232C out
- PS/2 interface for connecting the softkey pad
- USB interfaces
- Network adapter RJ45
- 1 external **sprayproof operator keypad**, protection type IP54
- 1 external high resolving **15“ color display**

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

- Additional interface for connecting MESAS tetra universe / pneu
- Networking interface
- Wireless networking interface
- Profibus / Interbus option
- Additional 16 opto inputs and 16 relay outputs
- Cordless ASCII keyboard and mouse
- Non-interruptible power supply
- External 15" display for mounting into cabinet or built in IP54 protective case
- Adoption to other voltages (e.g. 110V / 60Hz)
- 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 Microsoft Excel
- 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:	220 V AC, 40 - 60 Hz / 90 VA power cord 1,5m
W x H x D:	19", 4HE
Environmental temperature:	0-45 °C
Warranty:	24 months from delivery, at MESAS