

## Hardware

	femto	pico 15-light	pico 17	pico 17 panel	IPC
Max. measurement inputs	8 external USB only	64 external USB only	128 external	128 external	128 external
Display TFT	internal	internal	internal	internal	external
Display size	8,5"	15"	17"	17"	free
Touch screen	yes	optional	yes	yes	optional
Keyboard / mouse connector	-	Front side	Front side	Backside	Backside
ext. operator panel IP54	optional	yes	yes	yes	yes
Motherboard / CPU	Embedded	VIA	Intel Core I3	Intel Celeron	Intel Atom
RAM	512 MB	2 MB	4 GB	4 GB	2 GB
3,5 " floppy disk drive	opt.ext.	opt.ext.	opt.ext.	opt.ext.	1
DVD-Burner	-	-	1	1	1
Storage / SSD - hard drive	4 GB / -	- / min 64 GB	- / min 128 GB	- / min 128 GB	- / min 64 GB
Network RJ45	10/100 Mbit	10/100 Mbit	10/100 Mbit	10/100 Mbit	10/100 Mbit
Digital IO: OptoIn / OptoOut	optional 16/16 external	optional 16/16 external	16/16 internal	16/16 internal	16/16 internal
Maximum digital IO's	16/16 external	16/16 external	64/64 internal	64/64 external	64/64 internal
Profibus / Interbus interface	-	optional	optional	optional	optional
Interface MESAS tetra	-	-	2 (max. 8)	2 (max. 8)	2 (max. 8)
USB ports	2	4	8 (2 USB 3.0)	2 x USB 3.0	2 (max. 6)
RS232 ports	1	-	1	1	2
Protection type	IP 54	IP 54	IP 54	IP 54	-
Sizes (W x H x D mm)	300x240x90	450x417x280	491x437x340	416x385x63	19", 4HE
Weight	3,5 kg	15,5 kg	19,5 kg	8,6 kg	8,5 kg
Power supply	External 12V	110-240 V AC	110-240 V AC	12 V DC	110-240 V AC
Funk-LAN	-	optional	optional	optional	optional
UPS	optional	optional	optional	optional	optional
Parallel screen and keyboard	-	optional	optional	optional	optional
Touch screen	yes	optional	yes	yes	optional

## Software

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MESAS measurement software including short term statistics	yes	-	-	-	-
MESAS MQMD single user version incl. reporting tool	yes	yes	yes	yes	yes
MESAS MQMD multi user network version incl. reporting tool	-	optional	optional	optional	optional
Check list programming	programme	programme	programme	programme	programme
Max. characteristics per check list	4	128	128	128	128
Max. check lists active	3	256	256	256	256
Data export to Microsoft Excel	optional	optional	optional	optional	optional
Data export to qs-STAT Me.XX	optional	optional	optional	optional	optional
Automated creating of checklists from external machine protocol	-	optional	optional	optional	optional
Check list import from SAP	optional	optional	optional	optional	optional
Output of results to SAP	optional	optional	optional	optional	optional
Machine control	optional	optional	optional	optional	optional
On-screen visualisation for operator guidance	-	optional	optional	optional	optional
Special programming and customized solutions	optional	optional	optional	optional	optional
Operating system	Windows 10 Windows 11	Windows 10 Windows 11	Windows 10 Windows 11	Windows 10 Windows 11	Windows 10 Windows 11