



HOMMEL-ETAMIC CMZ250

High performance universal measuring computer

- Industrial acquisition, visualization and statistical processing of high accuracy dimensional measurements
- Compatible with most of the market measuring systems (inductive probes, linear scales, pneumo-electronic transducers...)
- SPC data export
- Operates in Windows environment
- PLC connectivity
- Network connectivity
- Multiple and fully configurable display (more than 25 available)
- Easy and user-friendly programming
- Designed for use in harsh industrial conditions (IP54)
- Up to 200 measuring programs and 200 probes via MS10 data capture modules
- 15" TFT screen offers excellent readability
- Pentium M processor
- DVD RW, USB ports
- Multi-language versions available



Precision is our business.

Technical characteristics CMZ250

Processor	Pentium M
Memory	DDR40 1 GB (optional up to 2 GB)
Drive	3"1/2 1.44 MB floppy and DVD RW
Hard disk	IDE 160 GB
Dimensions	H = 520 mm, W = 390 mm, D = 310 mm
Weight	21 kg
Outputs	RS232, RS422, parallel (printer), 4 ports USB 2.0
Keyboard	USB (from the 4 available)
Mouse	USB (from the 4 available)
Integrated keyboard	37 function keys
Passive bus	10 ISA slots; 4 PCI slots
Screen	15" TFT LCD -XGA (1024 x 768 Pixel); optional additional screen
Industrial rating	IP54
Electromagnetic compatibility	EN 50081-2 - EN 50082-2
Operating temperature	From 0°C to +40°C
Power supply	110 VAC / 230 VAC ; 50Hz / 60 Hz auto-switchable, Power supply : 150 W
Fuse	4A
Operating system	Windows XP
32 bit software	CMZ32 (2 software levels)
Languages	English, French, German, Spanish, Portuguese and Italian Other languages available on demand
Measurement and calibration cycles	By direct launch or external order; Cycle launching: key pressing, I/O order and/or probe threshold; Frequency and alerts programmable (calibration standards); Monitoring of drift between successive calibration processes; Event and part item input
Measurements	Static - Dynamic: max., min., (max.-min.), [(max.-min.) / 2], scan, follow-up - Classification - Manual via keyboard - RS232 serial
200 measuring plans maximum	Maximum per measuring plan: 300 measurements, 50 parts, 50 masters, 32 part sequences, 32 master sequences, 50 sub-sequences, 200 probes
Measurement launch	By operator, probe or external control
Measurement units	mm or inch
Type of inspection	100% or SPC
Work piece picture	DXF, BMP, HGL, JPEG, ...
Corrections	Temperature and/or Tools
Statistical data export	EXCEL, SESAME, SPC-LIGHT, qs-STAT, SUMEQ-compatible ASCII formats
Calculation labeling	No more than 50 operands and operators
Logic variables	Affectation of physical Inputs/Outputs; Equation for gauge cycles, movement control, etc...
Save/Restore	On floppy disk, hard disk, memory stick or network in CMZ format; Possible saving in HTML, EXCEL or TXT formats
Options	Profibus, bus can (I/O and probes modules), valvescan driving board, interface for Hommel-Movoline head, special softwares

Compatible with MS10 data capture modules.



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