



Illustration similar

PORTABLE MEASUREMENT AND DIAGNOSTIC BASIS SYSTEM

Special Features

- Portable measuring and diagnostic basis system for tool monitoring using CTM V6 technology
- Process analysis and long-term data storage right at the machine
- No manipulation of the machine control
- Rapid diagnosis when problems arise
- Individual equipping with different measuring transducers
- Permanent installation possible

Optional measuring transducers	Description
CFM-4 – Force Measuring Transducer	... used for measuring and saving data about minimal proportional strains. The system is especially suitable for comparative force measuring.
MU-4 – True Power Measuring Transducer	... used for evaluating the true power values, which are acting in a spindle motor. This helps to obtain detailed knowledge of the characteristics of a machining process.
VG-4 – Vibration and Acceleration Measuring Transducer	... used with an acceleration sensor for recognizing possible damage to machines at the earliest possible time.
KU-4 – Acoustic Emission Measuring Transducer	... is a one-channel measuring transducer for breakage monitoring of drilling and thread-cutting tools. For this purpose, the device is used in combination with an acoustic emission sensor.
DDU-4 – Torque and Feed Force Measuring Transducer	... is a component of a sensor system, which is applied for measuring torque and axial forces of rotating and rigid tools.

Portable measurement and diagnostic basis system

COMPACT DIAGNOSTIC SYSTEM



Illustration similar

	O830Z615001
Dimensions (B X T X H) with trolley	545 mm x 440 mm x 235 mm 545 mm x 440 mm x 275 mm
Weight (basic configuration)	13.5 kg (12.5 kg without trolley)
Monitoring system	ARTIS CTM V6 PB card PCI monitoring card
Operating temperature	0 °C...+50 °C
Rel. humidity	5 – 85 % without condensation
Electrical connection	via power supply unit 110 V – 240 V AC / 24 V DC
Current consumption incl. 4 transducers (24 V)	approx. 1.5 A approx. 2.5 A
Interfaces	External feed force connection, Profibus, sensor bus, Ethernet, USB, RS232
Optional equipment	see page 1

CU-6 PC	
Display	Color display 6,4" TFT- touch screen 640 x 480 pixels
Operation	<ul style="list-style-type: none"> • Touch operation • external USB keyboard
PC	<ul style="list-style-type: none"> • CPU processor Intel Atom N270 1.6 GHz • RAM-memory 1024 MB SDRAM • DIMM module • CF-memory card 4 GB
Operating system	Windows 7 Embedded (English)
Components	Industrial PC CU-6, CTM V6 PB monitoring card, IO-4 module, power supply unit 110 - 240 V AC / 24 V DC, robust transport case
Conformity	CE



www.marposs.com

For a full list of address locations, please consult the Marposs official website

ODN6419DE01 – Edition 11/2017 – Specifications are subject to modifications
© Copyright 2017 MARPOSS Monitoring Solutions GmbH (Germany) – All rights reserved.

ARTIS and Marposs product names/signs mentioned or shown herein are registered trademarks or trademarks of Marposs in the United States and other countries. The rights, if any, of third parties on trademarks or registered trademarks mentioned in the present publication are acknowledged to the respective owners.

Marposs has an integrated system to manage the Company quality, the environment and safety, attested by ISO 9001, ISO 14001 and OHSAS 18001 certifications. Marposs has further been qualified EAQF 94 and has obtained the Q1 Award.



Download the latest version of this document