



FL-MOBIMIC - Profi Check

Mobile Moisture Metering Unit



Applications and Features

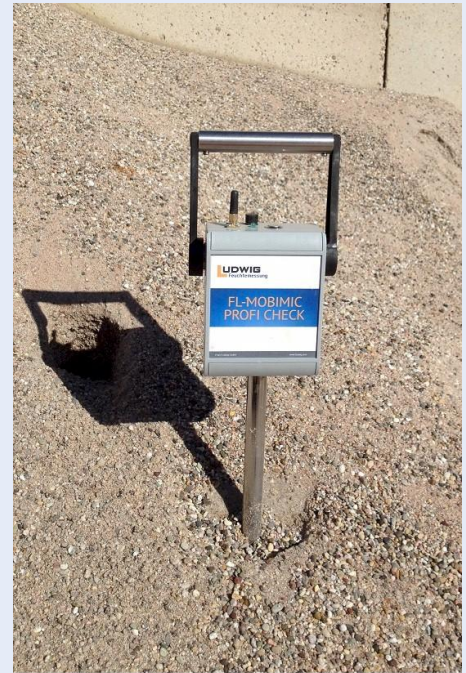
Our mobile measuring unit evaluates the temperature and moisture of bulk materials of all kinds. It is very user-friendly due to its ease of operation and the integration of wireless technology or USB connection to PC/Laptop. It has applications in almost every process situation. It allows convenient evaluation, quality control and monitoring during every phase of processing - from evaluating the condition of materials to be processed for evaluation of the finished product.

Special Features

- Accurate results through reliable microwave technology
 - User-friendly operation through wireless data transmission technology
 - Rechargeable unit provides extended hours of operation and stand-by time (several weeks, depending on measuring task)
 - Additional recording of material temperature
 - Interference-free measuring method
 - Shortest measuring times (approx. 10 sec.)
 - Sturdy construction
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- The image shows the FL-MOBIMIC Profi Check mobile moisture metering unit. It is a grey, rectangular device with a black handle on top. The front panel features a blue and white label with the text 'LUDWIG Mobile Moisture Metering' and 'FL-MOBIMIC PROFI CHECK'. A long, silver metal probe extends from the front of the unit, ending in a black, circular sensor head. The unit is shown from a three-quarter perspective, highlighting its compact and portable design.
- Endless possibilities for use in every phase of your manufacturing process
 - Automated calibration and unlimited calibration curves
 - Convenient pre-calibrated curves embedded into the system memory
 - Measurements can be displayed as moisture percentage or W/C-ratio
 - Protocol of measured results is stored in EXCEL format for easy sharing
 - Flexible charging possibilities including 12V auxiliary power outlets in vehicles
 - WINDOWS compatible evaluation software



**Application of
FL-MOBIMIC-
ProfiCheck**



Technical Data and Information

Measuring Principle	Microwave / 433 MHz
Measuring Transmission Technology	Industrial state-of-the-art WIRELESS technology or USB-A connection
Accuracy	depending to measuring range and material (ca. ±0,3%)
Temperature Range	+0+ 80 °C / + 32+ 176 F
Cover	industrial grade stainless steel V2A / Sensor face is special grade ceramic
Weight	1,9 kg / 4,18 lbs
Dimensions	length (incl. handle): 555mm, □ of measuring head: 80mm, electronic cover: L: 145mm, W: 140mm, D : 60mm
Operating Voltage / Power Consumption	5V/DC for charging unit / 0,7 Watt or via USB connection
Operating time per battery charge	approx. 48 h continuous operation
Operating System	WINDOWS -XP SP2, -VISTA 32-bit, -7, -8



**Equipment Case for safe transport
of FL-MOBIMIC Profi Check and
accessories**

Equipment Case Plastic	Splashproof / W: 560 mm, D: 420 mm, H: 210 mm
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