DustView II



Dust is generated during the production, conveyance, and filling of powders, bulk materials, granulates, pellets, etc. This dust can have negative impacts on occupational safety and the reliability of production. In addition, dust pollutes the environment and is not inconsiderable in the loss of production.The first essential step in preventing unwanted dust is to measure dust formation following free fall and impact.The DustView II is a fully automated dust measurement system that enables rapid and precise measurement of even the smallest fractions of dust generated following free fall and impact.Using the DustView II, the individual dust formation behavior can be determined quickly, clearly, and reproducibly so that the application of the system, especially in the quality assurance of powders, is outstandingly possible.

Benefits

- High information content with respect to bulk material dust behavior
- Ideal tool for quality assurance when handling with powdery goods
- DustView II based on CIPAC MT 171.1
- Fully automated, reproducible measuring process
- Fully automated control and evaluation using on-board PC, no need for an external PC
- Easy and intuitive operation using the touch screen
- Rapid measuring process (40 s)
- Compact and portable device
- Comparison of multiple measurements
- Individual measurements/serial measurements
- Creation of reports as PDF, text file or printout
- Self-calibrating by means of automatic offset adjustment
- Automatic internal service message
- Network-compatible
- Low maintenance

Applications

- Quality control
- Product development
- Process optimization
- Occupational safety

DATASHEET

Measuring principle	Extinction (30 g sample weight, 750 mm drop height)
Interfaces	USB, Ethernet (LAN), Wi-Fi, RS-232/485
User interface	Touchscreen, 800 • 480 pixel, 7″ (17.78 cm)
Data logger storage	4 GB
Data acquisition	24 bit AD-converter
Operating system	Windows embedded
Power supply	115 – 230 V, 50/60 Hz
Installation conditions	+5 – +40 °C
Dimensions	Approx. 500 • 250 • 950 mm
Weight	16 kg

NORMS AND CERTIFICATES

CIPAC MT 171.1