

COLOUR METER COLORTEST II



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For determining colour value and contrast in powdery and granular products

»Simple to operate

»Non-contact measurement

»No cleaning required

»Maintenance-free

The COLORTEST II Colour Meter is state-of-the-art design, employing the latest technology. It is a precision instrument with accurately reproducible results and extremely easy to operate.

The Measurement Principle

The COLORTEST II illuminates the sample with monochromatic light from a semi-conductor source. A photo-receiver measures the amount of light reflected by the sample. The mean value of a whole series of measurements is calculated and displayed by electronic circuitry.

Operation

A sample dish is overfilled with the product and scraped level by the sample preparation device supplied. The dish is placed underneath the metering head. The colour value of the sample can then immediately be read off on the display.

Technical features:

- Simple to operate
- Non-contact measurement principle
- No cleaning required
- Outstanding reproducibility of measurements
- Large diameter of metered spot
- Sensitivity and reference point adjustable externally
- Maintenance-free
- Sample preparation device

Technical data:

Dimensions (WxHxD)	180 x 270 x 210 mm
Weight	1.8 kg
Power supply	110-250 V AC, 50/60 Hz
Power consumption	8 VA
Metered spot	approx. 70 mm
Meter display	13mm high digital characters
Display range	200 scale divisions (2000 divisions internally)
Sensitivity	amplification adjustable with screwdriver
Reference point	adjustable with 10-turn precision potentiometer with scale
Measurement principle	reflection measurement, monochromatic
Light source	infra-red semi-conductor laser
Data output	RS 232 serial interface for connection of a printer, PC etc.
Standard accessories	mains cable screwdriver for adjustment, 2 colour references, 10 sample dishes, sample preparation device

