ModularLine

GLOSS METER

For:

✓ **PAPER**

✓ **BOARD**

✓ **TISSUE**

MOST IMPORTANT BENEFITS

✓ **Easy handling with selectable measurement options:**

- Machine direction (MD) Top/Bottom
- Cross direction (CD) Top/Bottom
- MD and CD with automatic rotation

✓ **Can be driven with a single transport**

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QUALITY TESTING INSTRUMENTS
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PRODUCT DESCRIPTION

The ModularLine gloss test device is based on the latest LED technology, which appreciably improves the lifespan of the sensors, and shortens measurement times considerably. Therefore the quality of measurements taken this way is significantly improved. There are different configurations of the ModularLine gloss test device available, allowing the implementation of testing according to different applicable regulations. The individual measurement mechanisms are equipped with one or more multi-directional sensors. Depending on the applicable standard, there are numerous different uses for this device.

TEST DESCRIPTION

The measurement head is automatically placed on the sample. The spring-mounted base platen guarantees the flatness of the sample required by the standards for gloss measurement. One second later, the results of the test are collected and the process is ended. When using the gloss test device as part of the ModularLine *(control and transport unit, see page 14)* or together with a Modular-Line single transport system *(see page 12)*, it is often one of the fastest test procedures. In this way an entire profile sample can be tested for its gloss characteristics at very high measurement frequency within a short time.

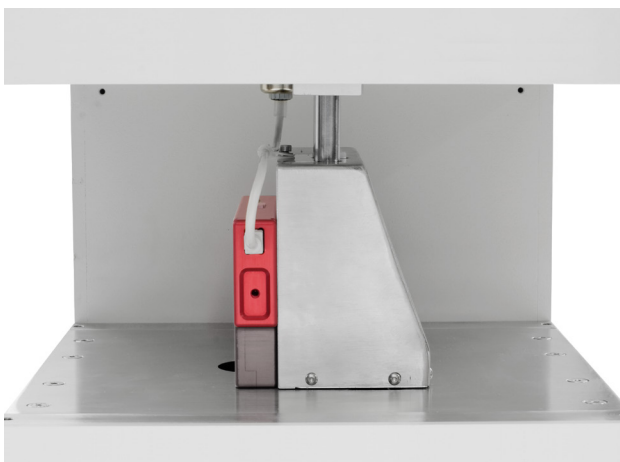## TECHNICAL DATA

DEVICE/INSTRUMENT

- Easy operation via the integrated touch screen
- Latest LED technology
- 0 – 100 gloss unit (0 – 100%)
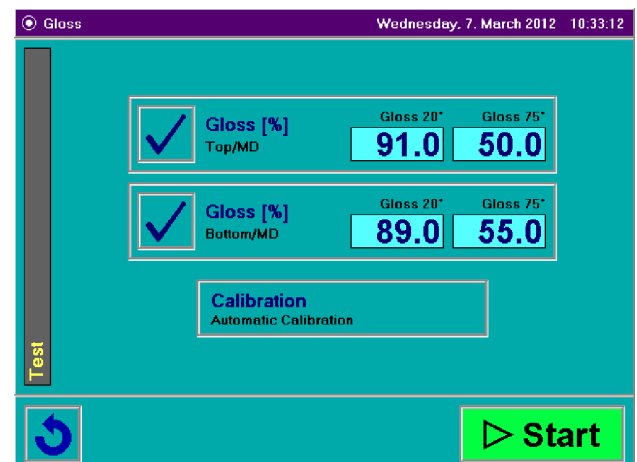- Measuring area: 10 x 15 mm

INSTALLATION REQUIREMENTS

Electrical connection	110 – 230 V / 50 – 60 Hz
Water connection	No
Compressed air	4 – 6 bar

APPLICABLE STANDARDS

- DIN EN 14086
- ISO 8254-1 | -2 | -3
- TAPPI T480, T653

Measuring sensor top side, machine direction

User interface with multi angle sensor