Article No. S62800

Modular Line

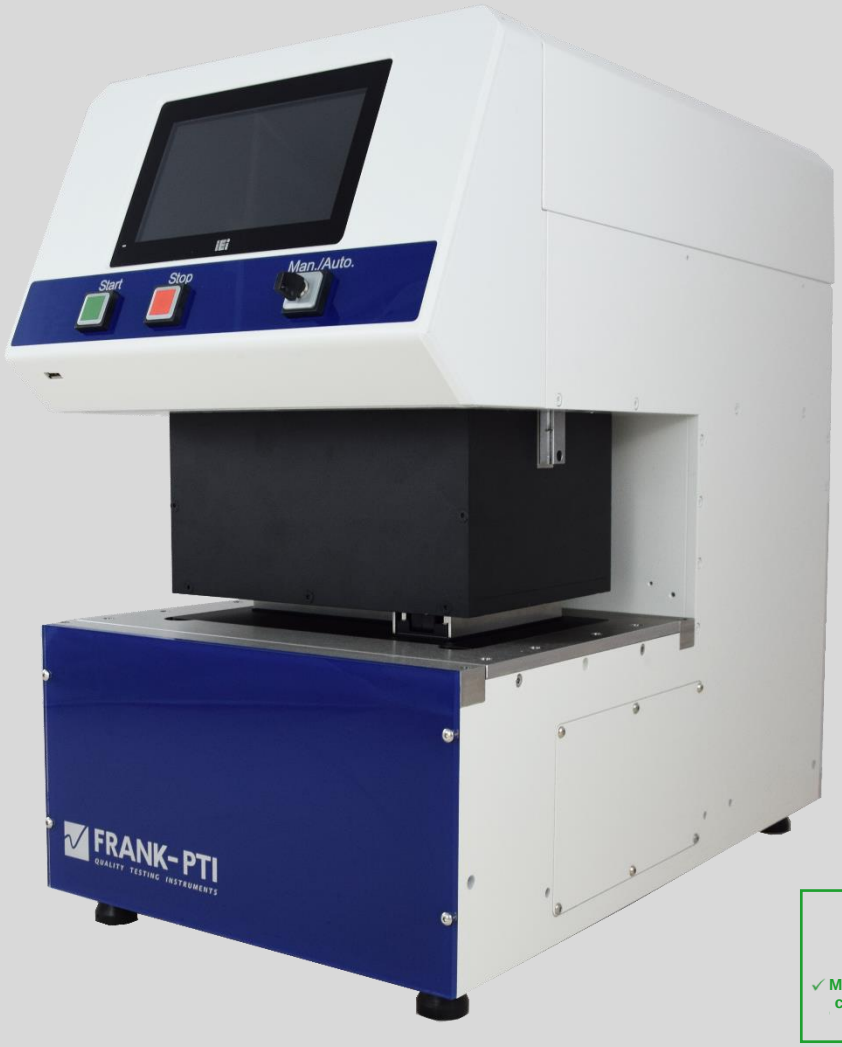
ML Gloss Meter

For measuring gloss on paper, carton and other materials

For:

✓ PAPER

✓ BOARD



✓ ModularLine compatible

✓ ProbeNet-capable

MOST IMPORTANT BENEFITS:

- ✓ Easy to use touchscreen operation
- ✓ Automated and manual test procedure
- ✓ Measurement in cross and machine direction with two inbuilt gloss sensors

FRANK-PTI
QUALITY TESTING INSTRUMENTS
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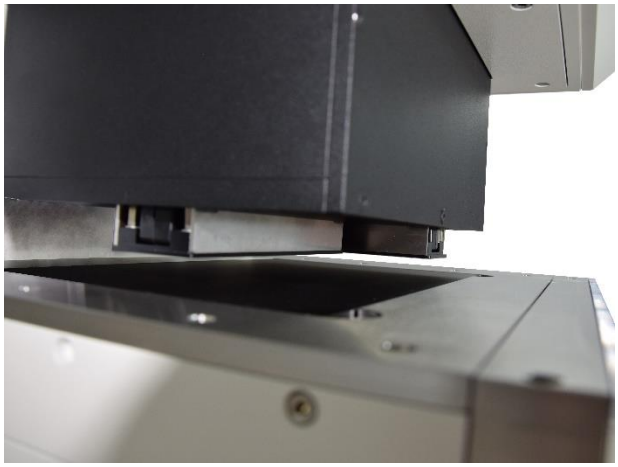
PRODUCT DESCRIPTION

The ModularLine gloss tester uses the latest LED technology, which not only significantly increases the service life of the sensors, but also considerably shortens the measurement time. This significantly increases the quality of the measurement. The two built-in gloss sensors allow simultaneous measurements in machine and cross direction. The individual measuring devices are equipped with single-angle or multi-angle sensors. Depending on the applicable standard, this results in a wide range of possible applications.

TEST DESCRIPTION

The measuring head is automatically placed on the specimen. The spring-loaded base plate guarantees the flatness of the specimen specified in the standards for gloss measurements. After only 1 second, the result of the test is known and the process is terminated. When the gloss tester is used as part of the ModularLine or in conjunction with a ModularLine single-transport system, this is one of the fastest measurement processes. Within a short time, an entire profile sample can thus be tested for its gloss properties with a very high measuring density.



Gloss unit with cross and machine directions sensors

TECHNICAL DATA

DEVICE / INSTRUMENT

- Easy operation via touchscreen
- Separate start and stop button
- Latest LED technology
- Compatible with ProbeNet
- Can be used as ModularLine module
  Protection class: 2
  Protection class: IP44

APPLICABLE STANDARDS

DIN EN 14086
ISO 8254-1 / -2 / -3
TAPPI T480
*more on request

MEASUREMENT

Measuring range:	0-100 Gloss Units (0-100%)
Measuring geometry:	75°
Results display:	GU
Measurement accuracy:	+-1,5 GU (against reference standard)
Resolution:	0,1GU
Repeatability:	+-0,5 GU (0-99,9)
Typical measuring time:	Approx. 6-10 sec
Measuring area	7 x 14mm elipse

CONNECTIONS

Power supply:	110-230V / 50-60Hz
Power consumption:	<80 W
Water:	No
Compressed air:	4-6 bar Connection for hose 6mm

DATA

RS232:	Data output
Ethernet:	Data output. / MQTT
USB:	Updates / Service

DIMENSIONS

Version	**L x H x B**
S62800007	330 x 590 x 570 mm
Weight	net / gorss
S62800007	53kg / 70kg

ARTICLES / MODELS

S626000007	ModularLine gloss meter machine and cross direction top side inclusive sensors 75°

* more models on request

Available Accessories:

S628001001	Replacement Gloss sensor TAPPI 75° Topside
S406900001	ProbeNet Software incl. one license *further requirements