

DICKENMESSER FÜR FOLIE MIT TOUCHSCREEN

Labordickenmesser für Folie. Digital Plastic Film
Micrometer (0.1 µm - 10mm)

Dickenmessgerät mit intuitiver Menüführung und
Touchscreen in Farbe.



EIGENSCHAFTEN

- hohe Genauigkeit: 0,001mm
- Messbereich: 0-10mm
- gute Anbindung über USB
- Netzwerkschnittstelle
- einfache Bedienung
- Verweilzeit von 0- 10 sec. einstellbar

TECHNISCHE DATEN

Stromanschluss	230 V / 50 Hz
Druckluftanschluss	nein
PC-Anschluss	Ethernet, RS-232, USB
Breite / Durchmesser	0,20 m
Tiefe	0,25 m
Höhe	0,37 m
Gewicht (netto)	30 kg

NORMEN

DIN 53370
ISO 4593

rycobel group, Verkaufsbüro Deutschland



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Digital plastic micrometer

Product code [RL-PFM-A](#)

RYCOLAB



Usage

Especially suitable to measure the thickness on plastic film samples

Applicable standards

ISO 4593, DIN 53370

Specifications

- Measuring range: 0-10 mm.
- Measuring resolution 0.1 μm .
- Electrical ascent and descent of the measuring head .
- Lowering speed adjustable from 1 to 8 mm/s.
- Manual or cycles mode measuring.
- Regarding ISO 4593 standard, 2 measuring heads are available, flat and spherical rounded R-30/50mm. Specify when placing an order.
- Compatible to Registra III & Rycolab Softwares.
- RS-232 and Ethernet outputs.
- USB connection to printer, with printing of result values and mean values..
- CE mark.

User interface

- Machine controlled by means of a touch screen and an auxiliary button.
- Through the visualization and control screen, the total control and configuration of the machine can be managed.
- Easy and intuitive operation of the control menu, configurable in different languages.
- Result table with a maximum of 10 test results.
- Possibility of display the test results in graphic way.
- Statistical control. Mean value, standard deviation and maximum and minimum values.
- Different configurable units.
- Periodical program updating (without additional cost).



Measure



Improve



Service

N°	mm	g/mm ³	N°	mm	g/mm ³
1	0.097				
2	0.097				
3	0.096				
4	0.099				
5	0.096				

DELETE		\bar{x}	0.097	0.828
		σ	0.001	0.010
		Max	0.099	0.838
		Min	0.096	0.812

Inst.	0.0099 mm	
Measuring...		Std.: 1/5
		t: 0.4s
		TEST
		STOP

Operation modes

The Micrometer can operate in different modes:

- Manual mode. The measuring head is ascended and descended manually by pushing the correspondent buttons in the screen.
- Automatic mode. Single measure. In this mode, after pushing the Test button, the measuring head will descend, will remain over the sample a predetermined time, and then will elevate again.
- Automatic mode. Cycle Test. In this mode, after pushing the Test button, the measuring head will descend, will remain over the sample a predetermined time, and then will elevate again. This operation will be done in a continuous way the number of times predetermined, with the interval of time predetermined between each measure.

Dimensions

	Net	Gross
Width	200	360
Depth	250	380
Height [mm]	370	560
Weight [kg]	30	40

Connections

Electric: 220 V / 110V, 50/60 Hz