

# 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

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

## NORMEN

DIN 53370  
ISO 4593

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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  $\mu\text{m}$ .
- 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).



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

  

<b>DELETE</b>		$\bar{x}$	0.097	0.828
		$\sigma$	0.001	0.010
		Max	0.099	0.838
		Min	0.096	0.812

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

## 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