

MI-PE 140/34

Highly accurate, fully digital, fast

Mikron Infrared Inc.

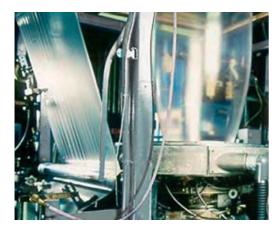
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Special version of MI-PE 140 with a spectral range of 3.43 µm for measurements of plastic films (addendum to MI-PE 140 data sheet)

- Measurement of plastic films, especially extremely thin PE and PP films with a thickness from 30 µm
- Temperature range 167° to 932°F
- Spectral range 3.43 µm



Technical data (different to MI-PE 140):

Temperature range: 167 ... 932°F (MB 5) Spectral range: 3.43 µm

Reference numbers:

With laser targeting With view finder 5 875 800 5 875 810

Optics	Optiv	
Meas.	Spot size	Meas.
distance a	ØM	distance a
4.1 in	0.03 in	7.8 in
4.7 in	0.04 in	11.0 in
6.1 in	0.05 in	16.5 in

Ontice 1-DE

Optics 2-PE		Optics 3-PE		
Meas.	Spot size	Meas.	Spot size	
distance a	stance a Ø M distance a		ØM	
7.8 in	0.05 in	14.5 in	0.094 in	
11.0 in	0.08 in	39.4 in	0.27 in	
16.5 in	0.13 in	169 in	1.3 in	

The MI-PE 140/34 is a special pyrometer for non-contact temperature measurement of plastic films, especially extremely thin Polyethylene or Polypropylene films with a minimum material thickness of only 30 µm.

Like the basic MI-PE 140, the MI-PE 140/34 is a highly accurate digital pyrometer. It is operating in an extremely narrow spectral range of 3.43 µm. This enables the precise measurement of plastic films.

3 different focusable optics are available for optimal match of the instrument to the application.

Specifications are subject to change without notice

