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# MI-PE 140/34

Highly accurate, fully digital, fast

Special version of MI-PE 140 with a spectral range of 3.43  $\mu\text{m}$  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  $\mu\text{m}$
- ◆ Temperature range 167° to 932°F
- ◆ Spectral range 3.43  $\mu\text{m}$



#### Technical data (different to MI-PE 140):

Temperature range: 167 ... 932°F (MB 5)  
Spectral range: 3.43  $\mu\text{m}$

#### Reference numbers:

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

Optics 1-PE		Optics 2-PE		Optics 3-PE	
Meas. distance a	Spot size $\varnothing$ M	Meas. distance a	Spot size $\varnothing$ M	Meas. distance a	Spot size $\varnothing$ M
4.1 in	0.03 in	7.8 in	0.05 in	14.5 in	0.094 in
4.7 in	0.04 in	11.0 in	0.08 in	39.4 in	0.27 in
6.1 in	0.05 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  $\mu\text{m}$ .

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  $\mu\text{m}$ . 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