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MI-S 140-TV

MI-GA 140-TV

**Digital pyrometer with integrated color camera
(Addendum to MI-S 140 · MI-GA 140 data sheet)**

- ◆ Temperature ranges between 250 and 3300°C
- ◆ Video output
- ◆ Spot size marker for exact alignment



Technical data video module series 140:

Video signal: Composite Video approx. 1 V_{pp} at 75 Ohm, NTSC , 60 Hz
 Resolution: 510 x 492 NTSC
 Gain control: automatic or adjustable (via keyboard or software)
 Field of view: approx. 3.5% x 5% of the adjusted measuring distance
 Connection video signal: BNC; separate round plug (at the pyrometer); connections galvanically isolated; video signal selectable when more than one pyrometer with TV output is used
 Date / time: Real time clock with about 3 days buffer (GoldCap capacitor, free of harmful substances)
 Screen display: circular target marker; instrument's number or text to your choice (max. 12 characters); time and / or date (switchable); measured temperature, emissivity

Reference numbers:

5 882 110	MI-S 140-TV	MB 14:	550 ... 1400°C	5 882 310	MI-GA 140-TV	MB 13:	300 ... 1300°C
5 882 130	MI-S 140-TV	MB 16:	600 ... 1600°C	5 882 330	MI-GA 140-TV	MB 18:	350 ... 1800°C
5 882 150	MI-S 140-TV	MB 18:	650 ... 1800°C	5 882 350	MI-GA 140-TV	MB 25:	450 ... 2500°C
5 882 170	MI-S 140-TV	MB 25:	750 ... 2500°C	5 882 370	MI-GA 140-TV	MB 13.5L:	250 ... 1350°C
5 882 190	MI-S 140-TV	MB 33:	900 ... 3300°C	5 882 390	MI-GA 140-TV	MB 20L:	300 ... 2000°C
5 882 210	MI-S 140-TV	MB 18L:	550 ... 1800°C	5 882 410	MI-GA 140-TV	MB 25L:	350 ... 2500°C

Scope of delivery: Pyrometer according to the ref.No. with integrated TV camera module, software *InfraWin*.
A connection cable is not included in scope of delivery and has to be ordered separately.

Cables: 3 821 220 Video cable with BNC connector, 5m
3 821 230 Video cable with BNC connector, 10m

The **MI-S140-TV** and **MI-GA140-TV** Pyrometers are digital, highly accurate pyrometers for non-contact temperature measurement on metals, ceramics, graphite etc. They are equipped with a

color camera module which enables the optical alignment of the pyrometer to the measuring object via video screen or monitor.
The monitor shows the actual measur-

ing temperature as well as the adjusted emissivity of the pyrometer. Additionally the date and the time and a free selectable text can be displayed.

Specifications are subject to change without notice