

TESA® DIGICO® 1 And 2 Electronic Indicators

Both models are remarkable for their versatile functions, large measuring span and high accuracy.

- Analogue and digital display; the latter can be displaced for easy reading in any position.
- Zero setting at any point within the measuring span.
- Data input through the keyboard.
- Counting sense reversal.
- Entry of limiting values for classification through displayed symbols. Additional green, red or amber coloured background in case the instrument is connected to the mains.
- Value storage by means of the functions «Highest value», «Lowest value» or «Highest value minus lowest value».



LC display with coloured background



6 decades plus minus sign



9 x 4,5 mm digit height (HxW)



See the table opposite



mm / in Conversion



40 mm scale length



25 scale divisions



According to selected tolerances



30,4 mm (DIGICO 1) or 60,4 mm (DIGICO 2)



Incremental glass scale



Max. 1 m/s (DIGICO 1) or max. 2 m/s (DIGICO 2)



Plunger guiding on a plain bearing
M2,5 thread for the measuring insert



DIGICO 1: 2 µm
DIGICO 2: 3 µm



1 µm



1 µm



See table on page E-6



RS 232



3,6 V lithium battery or mains adapter



mm



mm



in



in

19.30000

DIGICO 1

30

0,001 or 0,01

1.18

0.00005 or 0.0005

19.30001

DIGICO 2

60

0,001 or 0,01

3.36

0.00005 or 0.0005

Model IP54 with rubber bellow

S19060524

DIGICO 1

30

0,001 or 0,01

1.18

0.00005 or 0.0005

Measuring Force



DIGICO 1

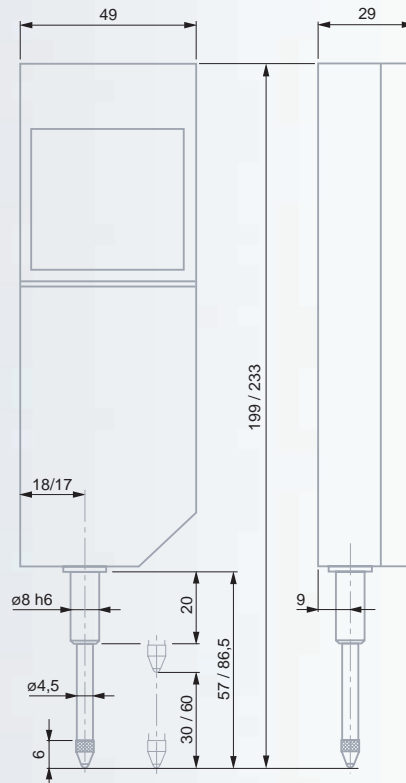


DIGICO 2

Measuring force* close
to the plunger stop

– bottom:	0,85 N ± 0,15 N	0,90 N ± 0,20 N
– top:	1,10 N ± 0,20 N	1,45 N ± 0,25 N
Force hysteresis*:	0,10 N	0,15 N

* Valid with the indicator used vertically, with downward oriented plunger, or for static measurement.



≈ 1000 h with lithium battery

0,002 % / °C

10 °C to 40 °C

–10 °C to 50 °C



Degree of protection (IEC 60529): IP 54 (standard model housing)

290 g (DIGICO 1)
310 g (DIGICO 2)

Moved mass (plunger):
DIGICO 1: 28 g
DIGICO 2: 27 g

Supplied in a suited carrying case with:
1 lithium battery
No. 19.60007
1 lever No. 19.60005

Identification number

Inspection report with a declaration of conformity

● Accessories for TESA® DIGICO® 1 and 2



47.61037	230 V mains adapter, 50 Hz, 9 V, 200 mA, 1,8 VA
47.61057	110 V mains adapter
19.60007	3,6 V lithium battery, LR6, AA
19.60005	Lever for the plunger retraction
19.60009	Connector for vacuum plunger lift, for DIGICO 1
19.60008	Same as above, but for DIGICO 2
19.60010	Connector for pneumatic plunger retraction, suitable for DIGICO 1 only.
19.60011	Adaptor for use of the mains adapter together with the switch for triggering data transfer
47.68000	Hand switch for triggering data transfer

For ordering information on connecting cable etc., see section L.

