

ETALON
ZEDURAM



LC display



1 mm, 0,1 mm and 0,01 mm, 0,01 °



10 x 6,5 mm (H x W)



mm / in conversion



Internal/external diameters from 350 up to 20 000 mm or 14 to 800 in

Radii of concave and convex surfaces from 175 up to 10 000 mm or 7 up to 400 in

heights (drawing):
- 120 to + 250 mm
- 4,75 to + 9,8 in

Angles (drawing):
- 50 ° to + 95 °



Diameter sizes from
350 to 2000 mm: 0,05 %
2000 to 5000 mm: 0,1 %
5000 to 10 000 mm: 0,3 %
10 000 to 20 000 mm: 0,6 %

Heights: 0,04 mm

Angles: 0,03 °



Infrared data transfer (ZEDURAM 2020 only)



2 batteries 1,5 V, AA, LRC 6



10 °C to 40 °C



- 10 °C to 50 °C



80 %, with no condensation



EN 50081-2
EN 50082-2



Housing in anodised aluminium; resting cylinders in hardened steel.



420 x 160 x 90 mm (max. L x H x D)



Net weight of the main part: 2,4 kg; gross weight of ZEDURAM complete: 4,6 kg (No. 11.39001) 5,1 kg (No. 11.39002)

ETALON® ZEDURAM®

Universal Measuring Instrument - Electronic

Another way to measure – Brings quality control into practice.

- Easy, reliable measuring - event in the toughest surrounding conditions.
- Perfect for inspecting large internal or external diameters as well as radii, circumferences, heights and angles.
- Capable to compute the mean value of n single values.
- Error-free reading of the numerical display
- Cableless, permanently ready-to-measure with battery power.
- Infrared data transfer to the printer.



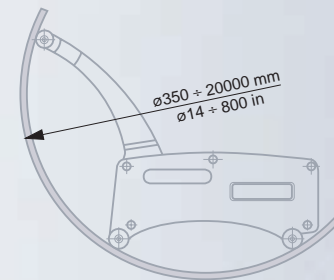
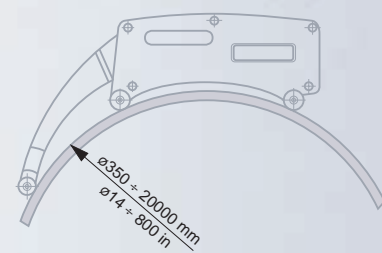
Polyvalent

- Measures metal, plastic or wood pieces of work.
- Checks forming processes, e.g. on metal sheets and tubes.
- Inspects the distortion during bending and continuous rounding operations of metal sheets into cylinders or boiler bottoms an alike.
- Measures manufactured and machined pattern parts (profiles) made from metal, plastic or wood.



Cylindrical Surface Measurement

- Measures internal and external diameters from 350 up to 20 000 mm.
- Measures radii of concave and convex surfaces from 175 up to 10 000 mm.
- Displays all related circumferences.



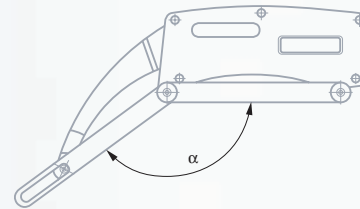
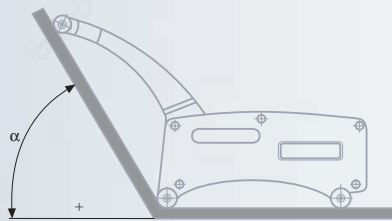
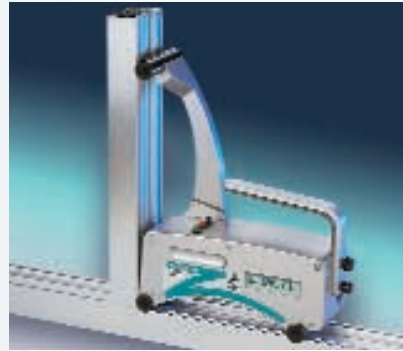
Height Measurement

- Measures heights in the form of step and thickness dimensions up to 250 mm.
- Establishes internal dimensions such as the distance between two parallel surfaces if the probe constant is taken into account.



Angle Measurement

- Allows workpiece positioning with or without use of the rules.



Plastic case



Identification number



Declaration of conformity

HP 82240 B printer



✓



Matrix printer for use with the 57 mm wide thermal paper roll HP 821175



Cableless, infrared data transfer (ZEDURAM 2020)
Transfer distance: ≤ 450 mm / ≤ 18 in

Max. reception angle:
± 60° (horizontal)
- 10° to + 20° (vertical)



4 batteries
1,5 V, AA,
type LRC 6



0 °C to 50 °C



- 40 °C to 60 °C



5 % to 95 %
at 40 °C, with
no condensation



Security:
EN 60950:1992
+A1, A2



EN 50082-1
EN 55022: 1994 Cl. B
EN 61000-3-2: 1995
EN 61000-3-3: 1995



91 x 61 x
186 mm



0,4 kg



11.39001 ETALON ZEDURAM 2010

Universal electronic measuring instrument for large diameters, heights and angles; numerical display with 1 to 0,01 mm resolutions; battery-powered.

furnished with:

- 47.68002** 1 Set of 4 batteries, 1,5 V, AA, type LRC 6
3 Resting discs
2 Rules for angle measurement

11.39002 ETALON ZEDURAM 2020

Identical to No. 11.39001, but with added infrared data transfer capability.

Also included:

- 1 Matrix printer with infrared data transfer, type HP 82240B
1 Thermal paper roll, 57 mm wide, type HP 821175

