

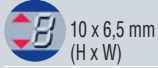
Instrument  
ETALON ZEDURAM



LC display



1 mm, 0,1 mm,  
0,01 mm,  
0,01°



10 x 6,5 mm  
(H x W)



Metric/inch  
conversion



Internal/external  
diameters  
from

350 up to 20 000 mm or  
14 to 800 in

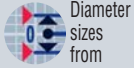
Radii on concave and convex  
surfaces from

175 up to 10 000 mm or  
7 up to 400 in

height (drawing):  
-120 to + 250 mm

-4,75 to + 9,8 in

Angle (drawing):  
-50° to + 95°



Diameter  
sizes  
from

350 to 2000 mm: 0,05%

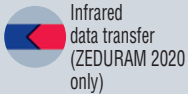
2000 to 5000 mm: 0,1%

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



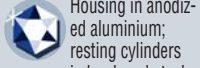
-10 °C to 50 °C



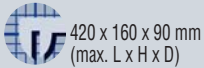
80%, with no  
condensation



EN 50081-2  
EN 50082-2



Housing in anodized  
aluminium;  
resting cylinders  
in hardened steel



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



Net weight of  
main part: 2,4 kg;  
gross weight of

ZEDURAM complete:

4,6 kg (No. 01139001)

5,1 kg (No. 01139002)

## ETALON ZEDURAM Universal Measuring Instrument – Electronic

The other way of measuring – Brings quality control into practice.

- Easy, reliable measuring – even in the toughest surrounding conditions.
- Perfect for inspecting large internal and 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.
- Permanently ready-to-measure with battery power.
- Infrared data transfer to the printer.

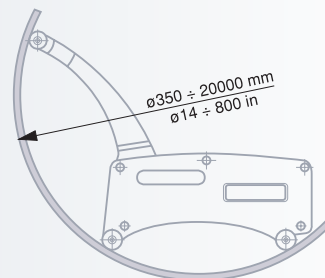
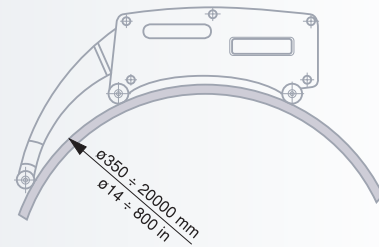


### Versatility

- Measures metal, plastic or wood pieces of work.
- Checks forming processes, e.g. on metal sheets and tubes.
- Inspects distortion during bending and continuous rounding operations of metal sheets into cylinders or boiler bottoms and the like.
- 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 on concave and convex surfaces from 175 up to 10 000 mm.
- Displays any related circumference.



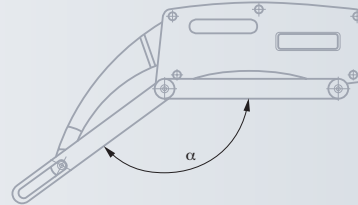
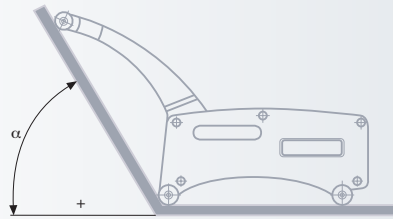
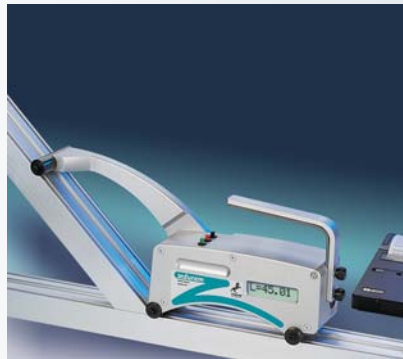
### Height Measurement

- Measures height in the form of step and thickness dimensions up to 250 mm.
- Determines 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 the use of the rules



**01139001 ETALON ZEDURAM 2010**  
For measuring large diameters as well as heights and angles; numerical display with 1 to 0,01 mm resolution; battery-powered.

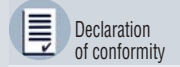
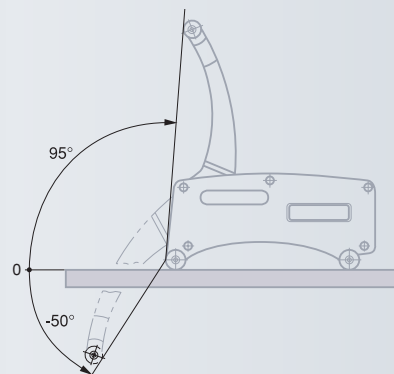
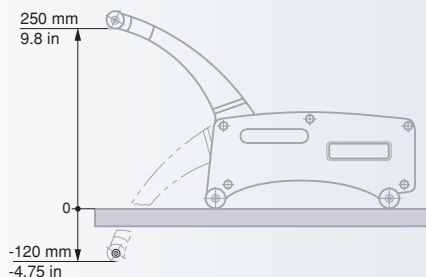
*furnished with:*

- 04768002** 1 Set of 4 batteries, 1,5 V, AA, type LRC 6  
3 Resting discs  
2 Rules for angle measurement

**01139002 ETALON ZEDURAM 2020**  
Identical to No. 01139001, but with added infrared data transfer capability

*Also included:*

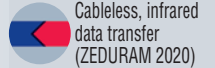
- 1 Matrix printer with infrared data transfer, type HP 82240B  
1 Thermal paper roll, 57 mm wide, type HP 821175



HP 82240 B Printer



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



Transfer distance:  $\leq 450$  mm /  $\leq 18$  in  
Max. reception angle:  $\pm 60^\circ$  (horizontal)  
 $-10^\circ$  to  $+20^\circ$  (vertical)

