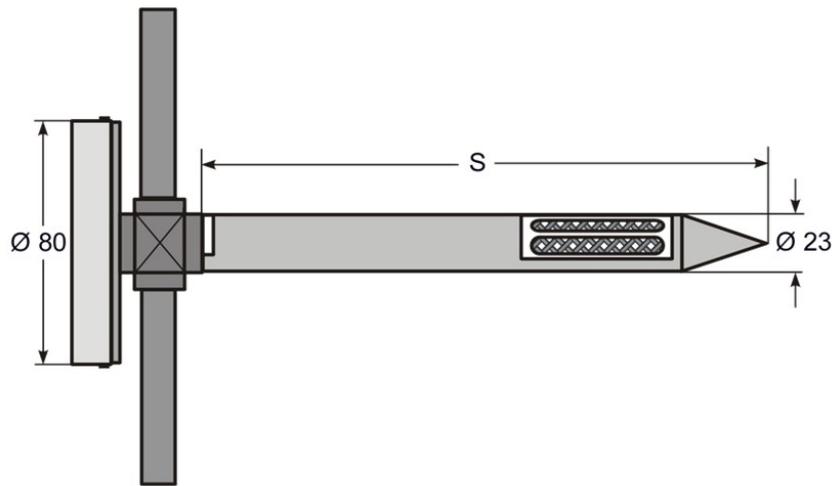


Case:	Diam. 80 mm stainless steel AISI 304
Bezel:	Stainless steel AISI 304
Dial:	Aluminium, white varnished lettering and graduation black
Pointer:	Aluminium, black
Window:	Instrument glass - Perspex window - Laminated safety glass
Insertion stem:	L = 500 x Ø 23 mm in brass chromed with tip - L = 1.000 mm
Features:	Measuring systems protected by st. steel gauze and by turnable double stem
Handling:	2 solid handles made of brass for pricking
Measuring system:	Tripple fold for humidity
Measuring range:	0-100% rel. humidity
Accuracy class:	± 3% from 30-75% rel. humidity at 18-22°C  - Dial imprint in English  - OPTION



Fig. 68

Article number:  
 1440001



The hygrometer for pricking is mainly used in agriculture to define the moisture content of corn. The hygrometer is insensible to its position and can be used axial, vertical or in oblique position.

The measuring element qualifies to a permanent temperature of 80°C. A temporary max. load up to 120°C is acceptable. There are two screwable handles installed beneath the case for inserting the stem into the stored goods.

Before insertion into the stored goods the outer stem has to be turned to close the perforation at the stem end. After reaching the measuring depth the perforation has to be opened by turning to the other direction. Now the measurement can begin.

The stem should stay in the stored goods for approx. 30 to 60 minutes. The ascertaining of the relative humidity follows by a scale 0...100%.

The water content of measured goods can be ascertained by curve charts.  
 Please send us your request!

After finishing the measurement the perforation has to be closed again before the stem is pulled out again.

Disregarding this can cause damage to the measuring element.

The instrument is produced for the following stored goods:  
 field beans, cotton, cottonseed, peas, peanut kernels, barley, grass seed, oats, hay, millet, wood, industrial silk, leather, linseed, corn, milo, rapeseed, rice, rye, wheat, wool, sunflower seed, and real silk.

Dimensions and technical data are conform to current company standard.  
 Changes to improve our instruments will be made without preannouncement.