

THERMO **NO MERCURY**

HYDROMETERS

A.S.T.M equivalent

The specifications of these thermo-hydrometers are exactly the same as the ones required by the standard ASTM E100.

The only difference with these ASTM normalized thermo-hydrometers is the liquid used to fill the thermometers. For this new "non-mercury" range, we have filled our instruments with an **organic & non-toxic BLUE LIQUID**. A lot less toxic than mercury, but this liquid is no longer normalized.

Just like a normalized instrument, these thermo-hydrometers come with an individual number on the body of the instrument. This number is stored in our data base and is traceable to our official masters which are regularly controlled, these masters also are traceable to official standards.

On the scale of the hydrometer we mention the official standard, the calibration temperature, the surface tension, the individual number, the batch number and our BIOTEMP® logo.

An indelible fiducial mark is engraved on the stem, in order to notice any scale movement.

**NIST
MRA
GOST**
TRACEABLE



Automatically supplied with a certificate of conformity and traceability



Manufacturer of Official Certificate of calibration available upon request

For the oil industry (60/60°F)

Read above meniscus

Built-in thermometer in the body

ASTM serie Equivalent	° API Range	° API Division	° API Accuracy	mm.
51H62	-1-11	0.1	± 0.1	± 375
52H62	9-21	0.1	± 0.1	± 375
53H62	19-31	0.1	± 0.1	± 375
54H62	29-41	0.1	± 0.1	± 375
55H62	39-51	0.1	± 0.1	± 375
56H62	49-61	0.1	± 0.1	± 375
57H62	59-71	0.1	± 0.1	± 375
58H62	69-81	0.1	± 0.1	± 375
59H62	79-91	0.1	± 0.1	± 375
60H62	89-101	0.1	± 0.1	± 375

Built-in thermometer in the stem

71H62	-1-11	0.1	± 0.1	± 390
72H62	9-21	0.1	± 0.1	± 390
73H62	19-31	0.1	± 0.1	± 390
74H62	29-41	0.1	± 0.1	± 390

For the gas industry Built-in thermometer in the body

ASTM serie Equivalent	Range	Measure	Division	Accuracy	mm.
101H62	0.500-0.650	Sp.Gr.	0.001	± 0.001	± 380
310H62	500-650 (*) temp. 15°C	g/l	1	± 1	± 380

BIO TEMP®



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