

# THERMO **NO MERCURY**

## HYDROMETERS

### A.S.T.M

These thermos-hydrometers are exactly the same as the ones required by the standard **ASTM E2995**.  
The thermometers are filled with a **special blue organic liquid**, a lot less toxic than mercury.

These thermos-hydrometers come with an individual number on the body of the instrument, they are stored in our data base, 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.

**NIST  
MRA  
GOST  
TRACEABLE**



Automatically supplied with a certificate of conformity and traceability

**EUEO**

Manufacturer of Official  
Certificate of calibration  
available upon request

#### For the oil industry

Low surface tension

Read above meniscus

**(60/60°F)** Built-in thermometer in the body (0+150°F : 2°F)

ASTM serie	° API Range	° API Division	° API Accuracy	mm.	Item
S550HL-14	-6-6	0.1	± 0.1	± 387	<b>3431TP006/60/L-qp</b>
S551HL-14	-1-11	0.1	± 0.1	± 387	<b>3431TP001/60/L-qp</b>
S552HL-14	9-21	0.1	± 0.1	± 387	<b>3431TP009/60/L-qp</b>
S553HL-14	19-31	0.1	± 0.1	± 387	<b>3431TP019/60/L-qp</b>
S554HL-14	29-41	0.1	± 0.1	± 387	<b>3431TP029/60/L-qp</b>
S555HL-14	39-51	0.1	± 0.1	± 387	<b>3431TP039/60/L-qp</b>
S556HL-14	49-61	0.1	± 0.1	± 387	<b>3431TP049/60/L-qp</b>
S557HL-14	59-71	0.1	± 0.1	± 387	<b>3431TP059/60/L-qp</b>
S558HL-14	69-81	0.1	± 0.1	± 387	<b>3431TP069/60/L-qp</b>
S559HL-14	79-91	0.1	± 0.1	± 387	<b>3431TP079/60/L-qp</b>
S560HL-14	89-101	0.1	± 0.1	± 387	<b>3431TP089/60/L-qp</b>
S561HL-14	37-49	0.1	± 0.1	± 387	<b>3431TP037/60/L-qp</b>
S562HL-14	64-76	0.1	± 0.1	± 387	<b>3431TP064/64/L-qp</b>

**(15°C)** Built-in thermometer in the body (-20+65°C : 1°C)

ASTM serie	Range Kg/m <sup>3</sup>	Division Kg/m <sup>3</sup>	Accuracy Kg/m <sup>3</sup>	mm.	Item
S500HL-14	600-650	0.5	± 0.5	± 380	<b>3541LT060/15/L-qp</b>
S501HL-14	650-700	0.5	± 0.5	± 380	<b>3541LT065/15/L-qp</b>
S502HL-14	700-750	0.5	± 0.5	± 380	<b>3541LT070/15/L-qp</b>
S503HL-14	750-800	0.5	± 0.5	± 380	<b>3541LT075/15/L-qp</b>
S504HL-14	800-850	0.5	± 0.5	± 380	<b>3541LT080/15/L-qp</b>
S505HL-14	850-900	0.5	± 0.5	± 380	<b>3541LT085/15/L-qp</b>
S506HL-14	900-950	0.5	± 0.5	± 380	<b>3541LT090/15/L-qp</b>
S507HL-14	950-1000	0.5	± 0.5	± 380	<b>3541LT095/15/L-qp</b>
S508HL-14	1000-1050	0.5	± 0.5	± 380	<b>3541LT100/15/L-qp</b>
S509HL-14	1050-1100	0.5	± 0.5	± 380	<b>3541LT105/15/L-qp</b>
S510HL-14	775-825	0.5	± 0.5	± 380	<b>3541LT077/15/L-qp</b>

**(60/60°F)** Built-in thermometer in the stem

Equivalent ASTM

Equivalent ASTM serie	° API Range	° API Division	° API Accuracy	mm.	Item
71H62	-1-11	0.1	± 0.1	± 390	<b>3441TT001/60-qp</b>
72H62	9-21	0.1	± 0.1	± 390	<b>3441TT009/60-qp</b>
73H62	19-31	0.1	± 0.1	± 390	<b>3441TT019/60-qp</b>
74H62	29-41	0.1	± 0.1	± 390	<b>3441TT029/60-qp</b>

**For the gas industry** Built-in thermometer in the body

Equivalent ASTM

Equivalent ASTM serie	Range	Measure	Division	Accuracy	mm.	Item
101H62 (60°F)	0.500-0.650	Sp.Gr.	0.001	± 0.001	± 380	<b>3497LT050/60-qp</b>
310H62 (15°C)	500-650	g/l	1	± 1	± 380	<b>3497LT050/15-qp</b>

**BIOTEMP®**



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