

COPPER CORROSION by PETROLEUM PRODUCTS

- Solid Block Constant Temperature Baths
- Liquid Constant Temperature Baths
- Baths for Tube or Test Bomb
- Temperature Range 30° to 180°C
- Temperature Stability of ± 0.2 °C

Also for Methods:

ASTM	D130, D4814
ISO	2160
IP	154
FTM	791-5325
DIN	51 759
NF	M07-015

Lawler offers a wide range of constant temperature test baths conforming to ASTM D130 copper corrosion test for fuel and related test methods. Liquid baths are offered with capacity for 4, 8, or 12 test bombs held in a vertical position. The same baths may also be used (with a change of support rack) for test tube only procedure accommodating 8, 16, or 24 test tubes.

Model 279-4 is a stainless steel liquid bath able to accept 4 test bombs for either D130 test method. By exchanging the support rack it is able to accept 8 test tubes from D130 when the test bomb is not employed.

The temperature range of Model 279-4 is 40° to +180°C with temperature stability of ± 0.2 °C. Temperature is controlled with a digital display controller with 0.1°C resolution. To prevent over heating in the event of primary controller failure, a high limit switch is provided to interrupt power to the bath. A float switch interrupts power to the bath in the event of low bath fluid level.

The bath is mechanically agitated to insure test point to test point uniformity. A cover over the bath is provided to reduce evaporation (if water is used as a bath medium).

Model 279-8 and **Model 279-12** are identical to Model 279-4 except are larger and able to accept 8 and 12 test bombs, respectively, or 16 and 24 test tubes, respectively.

Models 279-4, 279-8, and 279-12 are also suitable for the proposed new silver corrosion test method that will soon be part of ASTM D4814 gasoline specification. See page 53.

Model 280-8 and **Model 280-12** are solid aluminum block baths with 8 and 12 test tube positions, respectively, for ASTM D130 where the use of the test tube alone is specified without the test bomb. The operating temperature range is 30°C to 180°C. The dry block bath removes the disadvantages of liquid baths, such as smoke, fire hazard, cleanliness, safety, etc.

Accessories for ASTM D130, such as test bombs, polishing vice, copper or silver test strips, ASTM color standard, etc. are available conforming to the test method.



▲ Model 280-8