

SILVER CORROSION by PETROLEUM PRODUCTS

- Solid Block Constant Temperature Baths
- Liquid Constant Temperature Baths
- Temperature Range 30° to 180°C
- Temperature Stability of ± 0.2 °C
- Liquid Bath Conforming to the New ASTM Silver Corrosion Method

Also for Methods:

ASTM	D4814
IP	227

Recent developments have accelerated the ASTM development of a silver corrosion test by fuels. The new ASTM method will soon be made part of ASTM D4814 and is, in large measure, based on D130 test bomb method.

Model 279-4 is an insulated stainless steel liquid bath able to accept 4 test bombs holding the test fuel and the silver strip. The temperature range of Model 279-4 is 30° 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 overheating, a high limit switch is provided to interrupt power to the bath in the event of primary controller failure. 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.

Model 279-4, 279-8 and 279-12 are also suitable for ASTM D130 method when pressure vessels are used. See page 52.

Model 291-6 is an insulated stainless steel liquid bath deep enough to be able to accept 6 test tubes conforming to IP 227 silver corrosion test method. The temperature range of Model 291-6 is 30° 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 overheating, a high limit switch is provided to interrupt power to the bath in the event of primary controller failure. A float switch interrupts power to the bath in the event of low bath fluid level.

Model 295-6 with similar features as Model 291-6 but is a solid aluminum block bath deep enough to accept 6 test tubes (350 mm long) as per IP 227. The dry block bath removes the disadvantages of liquid baths, such as smoke, fire hazard, cleanliness, safety, etc.



▲ Model 295-6