

RUSTING CHARACTERISTICS of OILS

- Liquid Bath or Dry Block Bath with 4 or 6 Test Positions
- Temperature Range 40° to 150°C
- Temperature Stability of $\pm 0.1^\circ\text{C}$

Model 390-6 is a 6 test positions agitated liquid bath conforming to ASTM D665, D3603, and other similar tests. A two position bath cover is provided that adjusts for either ASTM D665 or D3603 test methods. The bath's temperature is maintained by a microprocessor based PID controller with set point and bath temperature display. A secondary high temperature limit switch prevents over heating in the event of primary controller failure. In addition, a float switch is provided that interrupts power to the heaters in the event of low bath liquid level.

The stainless steel bath is provided with a drain for easy replacement of the bath medium. The test beakers rest on a perforated support rack at the test specified level.

The stainless steel stirrers are driven by an adjustable synchronous motor to assure an exact speed of 1000 rpm. The individual stirrers are belts driven. A digital tachometer is provided displaying the rotational speed of the stirrers. An adjustable digital timer automatically turns off the stirrers.

The stirrers may be switched off without interrupting power to the bath. Individual stirrers have the ability to be lifted out of the test beaker by simply loosening the knurled holding nut and lifting from the beaker. When lifted, the stirrer shaft protrudes through the top of the apparatus, allowing full and easy access to the test beaker.



▲ Model L636

Also for Methods:

ASTM	D665, D3603
ISO	7120
IP	135
FTM	791-4011, 791-5315
DIN	51 355, 51 585
NF	T60-151



▲ Model 390-4

A clear plastic safety guard is available as an option on the front of the apparatus protecting the operator from the rotating stirrer shafts.

Model 390-4 is identical to Model 390-6 but with only 4 test positions.

Model 396-6 is a solid aluminum block heated bath with the same features as Model 390-6, however, it is not adjustable between ASTM D665 and D3603. Specify the intended method to be used. The advantage of the solid aluminum heated block bath over a liquid bath is the safety with the elimination of fumes and fire hazards of the bath medium.

Model 396-4 is identical to Model 396-6 but with only 4 test positions.

Model L636 is the polishing device specified by ASTM D665. It consists of a motor rotating the chuck at 1700 to 1800 rpm. The design of the chuck is as specified by the test method. A protective cover is provided over the motor.