

## UNIVERSAL OXIDATION DRY BATHS for OXIDATION and THERMAL STABILITY

- Aluminum Block Bath Conforming to ASTM D4871
- Individual Heated Tube Bath Conforming to ASTM D4871
- Temperature Range 50° to 400°C
- Temperature Stability of  $\pm 0.5^{\circ}\text{C}$

For Method:

ASTM	D4871
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**Model 66-6** is a bench top model with a solid aluminum block bath with 6 test positions conforming to ASTM D4871 test method. The single digital controller provides sample temperature control of  $\pm 0.5^{\circ}\text{C}$ . Temperature range is from 50° to 400°C.

Each position has a float in tube flowmeter with a precision control valve for delivering gas to the test specimen at a rate of from 1.5 to 13 L/hr. Please specify the gases to be used and their intended flow rates. Gas pressure regulator is provided to adjust the inlet gas pressure to the flowmeters. An over temperature control circuit is provided to prevent over temperature conditions in the event of primary controller failure.

**Model 66-12** is similar to Model 66-6 but with 12 test positions.

**Model HT-99-6** has 6 heated tube positions conforming to ASTM D4871 test method. Each heated tube is of proper dimension to snugly fit the test tube. Each test position is individually temperature controlled with an indicating digital PID controller. Sample temperature stability of each position is  $\pm 0.1^{\circ}\text{C}$ . Temperature range is from +50° to +400°C. Each tube's temperature may be independently adjusted so as to assure identical sample temperature in each test position. Model HT-99-6 has further flexibility allowing each test position to be at widely different temperatures. Each position is protected against overheating in the event of primary controller failure. See page 42 for additional description of this design concept.

Each position has a float in tube flowmeter with a precision control valve for delivering gas to the test specimen. Please specify the gases to be used and their flow rates.



▲ Model 66-12