



These constant temperature controlled baths are contaminant-free and fast heating for use in wet-etch wafer processing applications employing high temperature acids and solvents. These baths are molded of fused quartz (minimum 99.9999% silica) and polished to provide a superior high temperature corrosion-resistant vessel greatly reducing potential for contamination. They are the standard of excellence and reliability for the IC manufacturing industry.

BENEFITS:

Fire Polished Quartz Tanks Minimize Contamination and are Corrosion and Thermal Shock Resistant
Rugged Construction Assures Structural Support and Fume-Tight Integrity
Reduced Warm Up Time and Longer Lasting due to Engineered-in Safety Concerns

FEATURES:

One-Piece Molded Quartz Vessel Construction for High Purity
Direct Connection to ICD/Heateflex and Other Controllers
Rotomolded PVDF Outer Enclosure. UL Rating 94-V-0
3 Each Over-Temperature Thermodisc Sensors to Prevent the Bath from Overheating
Redundant Type J Thermocouples for Temperature Control/Additional Overtemp Protection
PFA Wiring Used Throughout
Alumina Silica Refractory Insulation Rated at 1315°C is Used to Keep the Heat in the Bath and Energy Costs Down

AVAILABLE OPTIONS:

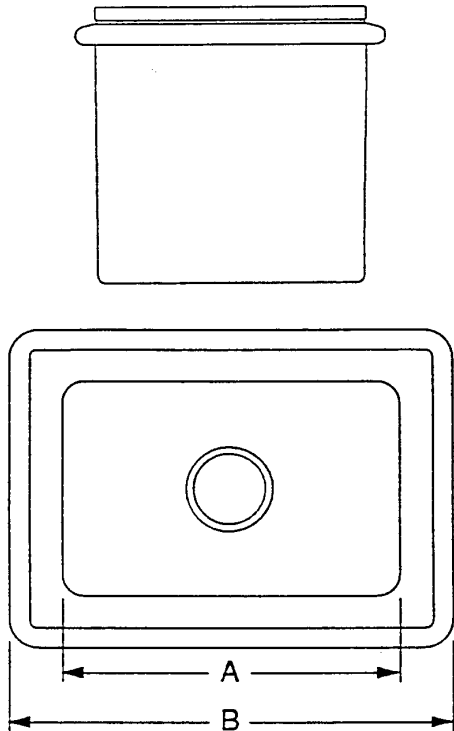
Microprocessor Temperature Controller/Timer
Drain Port
Aspivalve
Air Liquid Level Sensor
Optical Liquid Level Sensor (Quartz or PFA Probe, Single or Dual Channel)
Thermocouple
Magnetic Stirrer Assembly
Recirculation and Custom Models Available



ICD/HEATEFLEX

405 E. Santa Clara St.,
Arcadia, CA 91006-7218
Tel: (626) 599-8566 • Fax: (626) 599-9567
<http://www.heateflex.com>

PROBATH® QUARTZ BATHS



QUARTZ BATH MODEL SPECIFICATIONS:

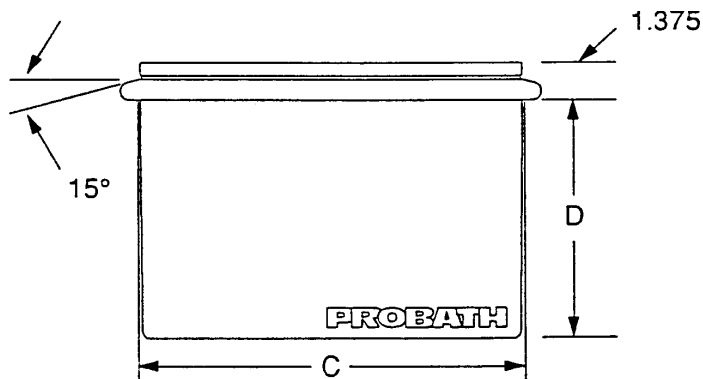
(NOTE: Heaters are 208 VAC, other voltages available.)

MODEL NUMBER	MAXIMUM CARRIER CAPACITY (#)	MAXIMUM CARRIER CAPACITY (WAFER DIAMETER)	MAXIMUM VOLUME (GALLONS)	HEATER (KW)
MQ-14	1	100mm (4")	1.6	2.2
MQ-16	1	150mm (6")	2.6	2.2
MQ-18	1	200mm (8")	6.7	4.2
MQ-24	2	100mm (4")	2.6	3.1
MQ-25	2	125mm (5")	3.9	3.2
MQ-26	2	150mm (6")	5.5	4.0

OPTIONS:

(NOTE: Add option number as suffix to model number.)

OPTION	DESCRIPTION
Blank	No Options
-D01	DT968C Temperature Controller & Timer
-D02	Drain Port, 3/4" NPT
-D03	Aspivalve
-D04	AIR200 Air Liquid-Level Sensor
-D09	Type "J" Thermocouple, Over The Top
-D10	Magnetic Stirrer Assembly



MODEL NO.	A (L x W x D)	B (L x W)	C (L x W)	D
MQ-14	7.75 x 7.75 x 7.25	11.385 x 11.385	10 x 10	7.625
MQ-16	7.75 x 7.75 x 10	11.385 x 11.385	10 x 10	10.625
MQ-18	12 x 11 x 11.75	15.625 x 14.625	14.25 x 13.25	12.375
MQ-24	11.5 x 7.5 x 8	15.125 x 11.125	13.75 x 9.75	8.625
MQ-25	13.5 x 7.5 x 9	17.125 x 11.125	15.75 x 9.75	9.625
MQ-26	16 x 8 x 10	19.625 x 11.625	18.25 x 10.25	10.625