



# HUMBOLDT

## Humboldt Water Baths H-1390, H1392, H-1394



H-1390

H-1394

### Water Baths with Microprocessor-based Temperature Control

- Auto-tuning is fast & effortless
- Dual, digital display simultaneously shows set point and process temperature
- Ramp-to-set point handles critical temperature processes smoothly
- Set point range limiting protects process and equipment
- Percent power limit protects components from stress
- Rapid cycling provides fast system response
- Operator lockout guards against unwanted changes
- All exposed parts are stainless steel. Front panel is water and corrosion resistant.

Humboldt waterbaths are a perfect match for Marshall and Superpave test applications and meet ASTM D1559, D5581 and D4867.

Humboldt water baths feature a microprocessor-based digital controller for precise temperature control throughout their temperature range of ambient to 180°F (82°C) at an accuracy of +/-0.1% of input span. The dual digital display simultaneously shows the set point and the process temperature at a glance.

Humboldt Water Baths are fully insulated to help maintain constant temperatures easily. Models H-1390 and H-1392 can accommodate (12) 4" diameter or (3) 6" diameter Marshall specimens at a time. And the model H-1394 can accommodate (16) 4" and (9) 6" diameter Marshall specimens at a time. All models include a stainless steel shelf, which supports specimens while allowing 2" of free circulating water above and below specimens. Models H-1390 and H-1394 also utilize a magnetic stirring bar to induce water flow within the bath and ensure a uniform temperature is maintained. Model H-1392 does not have a magnetic stirring bar.

All exposed areas are stainless steel and the front control panel is both water and corrosion resistant.



# Humboldt Water Baths



**Deluxe Water Bath, 110V 60Hz— H-1390**

**Deluxe Water Bath, 220V 50/60Hz— H-1390.4F**

Microprocessor-based temperature control for precise temperature control throughout the range. Includes magnetic circulator, ensuring constant water temperature, and, a stainless steel shelf, which stands 2" (51mm) above the bottom of the unit for free circulation of water above and below test samples. Volume is 7.76 gallons (29.40L) and dimensions are: ID: 19.5"W x 11.5"D x 8" H (495.3 x 292.1 x 203.2mm). Meets ASTM D1559. Shipping wt. 47 lbs. (21.4kg)



**Large Deluxe Water Bath, 110V 60Hz— H-1394**

**Large Deluxe Water Bath, 220V 50/60Hz— H-1394.4F**

Same as H-1390, except volume is: 14 gallons (53L) and dimensions are 20" x 20" x 10" deep (508 x 508 x 254mm). Shipping wt. 74 lbs. (33.5kg)

**Water Bath, 110V 60Hz— H-1392**

**Water Bath, 220V 50/60Hz— H-1392.4F**

Same as H-1390, except it does not have a magnetic circulator. Shipping wt. 74 lbs. (33.5kg)