

## DATA SHEET

### Water Baths



#### General description

Used to condition Marshall ( $60\pm 1^\circ\text{C}$ ) and other asphalt specimens (e.g. tar specimens at  $37.8\pm 1^\circ\text{C}$ ) in water. The water baths are available in three different dimensions: 30, 56 and 110 liters capacity.

Digital thermoregulator and temperature display, internal and external outer case in stainless steel. Complete with perforated base shelf and cover.

The water baths are available with or without continuous recirculating system (see technical specifications). The continuous recirculating water system ensures temperature uniformity.

The larger model with recirculating system also responds to ASTM D5581 requirement to have a deeper bath for 6" samples.

Our product range also includes a model fitted with cooling unit with temperature range starting from  $5^\circ\text{C}$ , to satisfy EN 12697-23 (see related products below).

#### Main features

- **Ideal for conditioning asphalt specimens for Marshall and Indirect Tensile tests;**
- **water conditioning up to  $60^\circ$  (up to  $95^\circ\text{C}$  with our larger model);**
- **wide internal area to accommodate several specimens;**
- **supplied with perforated base shelf and internal case;**
- **$\pm 1^\circ\text{C}$  accuracy;**
- **$0.1^\circ\text{C}$  resolution.**

#### Standards

- ASTM D1559
- ASTM D5581
- AASHTO T245
- EN 12697-12
- EN 12697-34

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### Specifications

Models	76-B0066/A 76-B0066/AZ	76-B0067/A 76-B0067/AZ	76-B0066/B 76-B0066/BZ	76-B0067/B 76-B0067/BZ	76-B0067/C 76-B0067/CZ
Recirculation	no	no	yes	yes	yes
Capacity	30 liters	56 liters	30 liters	56 liters	110 liters
Marshall specimen capacity	12	20	12	20	30 (4") 12 (6")
Temperature range: ambient to	60°C	60°C	60°C	60°C	95°C
Accuracy	±1°C	±1°C	±1°C	±1°C	±1°C
Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Power	1200 W	1200 W	1200 W	1200 W	2500 W
Inside dim. (mm)	500x300x185(h)	610x500x185(h)	500x300x185(h)	610x500x185(h)	600x500x280(h)
Outside dim. (mm)	640x340x240(h)	650x540x240(h)	640x340x240(h)	650x540x240(h)	816x547x600(h)
Weight approx.:	9.5 kg	20 kg	9.5 kg	20 kg	30 kg



Circulating digital water bath, 56 liters cap. (mod. 76-B0067/B)



Circulating digital water bath suitable also for 6" Marshall specimens according to ASTM D5881 (mod. 76-B0067/C)

### Products

#### 76-B0066/A

Digital water bath 30 litres capacity. 230V, 50-60Hz, 1ph.

#### 76-B0066/AZ

Digital water bath 30 litres capacity. 110V, 60Hz, 1ph.

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### 76-B0066/B

Digital circulating water bath 30 litres capacity.230V, 50-60Hz, 1ph.

### 76-B0066/BZ

Digital circulating water bath 30 litres capacity.110V, 60Hz, 1ph.

### 76-B0067/A

Digital water bath 56 litres capacity. 230V, 50-60Hz, 1ph.

### 76-B0067/AZ

Digital water bath 56 litres capacity. 110V, 60Hz, 1ph.

### 76-B0067/B

Digital circulating water bath 56 litres capacity.230V, 50-60Hz, 1ph.

### 76-B0067/BZ

Digital circulating water bath 56 litres capacity.110V, 60Hz, 1ph.

### 76-B0067/C

Digital circulating water bath 110 litres capacitywith PID thermoregulation, maximum temperature 95°C, resolution 0.1°C. 230V/50-60Hz/1Ph

### 76-B0067/CZ

Digital circulating water bath 110 litres capacitywith PID thermoregulation, maximum temperature 95°C, resolution 0.1°C. 110V/60Hz/1Ph