

## DATA SHEET

### Circulating Water Bath with Cooler Unit



#### General description

This multi-purpose digital unit, fit with cooler unit and recirculating water system, is used to condition in water asphalt specimens for Marshall and Indirect tensile test.

The EN 12697-23 covering the Determination of the indirect tensile strength of bituminous mixtures, prescribe a water conditioning temperature of 5°C or from 5 to 25°C which are obtainable with a cooling system.

All the other standards require conditioning temperatures from 25 to 60 °C.

This unit can also be used for many applications either for Asphalt or for Cement testing for curing in water cement specimens 40x40x160 mm, and for storing the hydrated samples at a temperature of 20°C (EN 196-8).

Internal surfaces are polished stainless steel with a sheet steel insulated outer case. The cooler unit is located under the water bath. Complete with re-circulating unit for temperature uniformity.

#### Main features

- **Automatically maintains the set temperature**
- **Two channels electronic thermoregulator: heating/cooling with digital display**
- **Complete with recirculating unit**
- **Incorporating refrigeration compressor**
- **Ideal for conditioning Asphalt specimens for Marshall and Indirect tensile tests**
- **Ideal for cement specimens cure in water**
- **A multi-purpose unit usable for many other applications**

#### Standards

- EN 196-1

#### Specifications

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Capacity: 40 l

Power: 2000 W

Temperature range: +5 to +60°C

Accuracy: ± 1%

Inside dimensions: 550x360x200 mm

Outside dimensions: 830x480x950 mm

Weight approx.: 62 kg



## Products

### 65-D1409/A

Water bath with 2 channels thermoregulator (heating/cooling), submersed recirculating pump and cooler unit. 230V/50-60Hz/1ph.

### 65-D1409/AZ

Water bath with 2 channels thermoregulator (heating/cooling), submersed recirculating pump and cooler unit. 110V/60Hz/1ph.