

BT

Thermostatic Bath Immersion/circulation

- Top loading door with sealing gasket
- Made of stainless steel.
- Insulated with rockwool.
- Adjustable feet
- Opening by automatic cylinder



Often it is interesting to check the degree of resistance of the materials to fluids such as water, oil or other substances.

Such testing is usually done in different grades: water at room temperature, with boiling water, etc..

DYCOMETAL, offers different solutions::

- Immersion baths with water circulation
- Immersion baths with glycol watercol or glycol.
- Immersion baths with 2, 4 or 8 sections

DYCOMETAL EQUIPOS DE C.C., S.L.

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Immersion bath with water circulation:

Temperature range:

- From ambient to +50°C.
- From ambient to +65°C.
- From ambient to +85°C.
- From ambient to +95°C (Boiling).
- From +5°C to +50°C.
- From +5°C to +80°C.



Immersion bath with glycol water/glycol:

Temperature range:

- From ambient to +110°C.
- From 0°C to +110°C.
- From -20°C to +110°C.

Volumes:

| Liters | High | Width | Depth |
|--------|------|-------|-------|
| 27 | 300 | 300 | 300 |
| 80 | 400 | 500 | 400 |
| 125 | 500 | 500 | 500 |
| 252 | 600 | 700 | 600 |
| 343 | 700 | 700 | 700 |
| 576 | 800 | 900 | 800 |
| 720 | 800 | 1000 | 900 |
| 900 | 900 | 1000 | 1000 |



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Immersion bath with 2,4,6 or 8 sections:

Construction:

Section volumes upon request. The supply and drain circuits are independent for every section.

Main constructive characteristics :

- Exterior in sheet and galvanized steel tube, oven painted with epoxy resins.
- Thermal isolation made of basaltic-rock wool with sandwich polyurethane.
- Inside in stainless steel sheet, AISI 304 (18/8) quality.
- The access door can be plain (until +50 °C) or canopy type (from +60 °C, with chimney for steam extraction).
- Base with antivibration and adjustable in height legs, or with four multidirectional wheels.
- Heating system by means of immersion armored heating resistances, protected by a grid.
- Heating power electronic control by static relays (triacs).
- Circulation pump.
- Water input electronic level.
- Closed circuit of water/anticorrosive glycol.
- Drain tap.
- Cooling system: cooling coil and independent cooling group installed outside.
- Regulation and control: by regulator or regulator-programmer to establish heating/cooling slopes.
- Control probe: A Class Pt-100 DIN.
- Electric panel on the side of the equipment.



Optional Accessories:

- Liquid pressure manometers.
- Analog flow meter.

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