



*Non contractual photo*

**SERVICE : POWER SUPPLY: 220V - 50 HZ**  
**COLD WATER SUPPLY (1.5M3 / H 2 BAR)**  
**HOT WATER SUPPLY (1.5M3 / H 2 BAR)**  
**DIMENSIONS : ACCORDING TO THE**  
**MODELS**

## REFERENCE : SERIE MP100

In a large number of operations, it is necessary to supply or remove heat. The MP100 series can study up to four types of exchangers most commonly used in the industry.

### Experimental possibilities :

- Determination of thermal balances
- Determination of global exchange coefficients
- Influence of debits on trade
- Operation in co-current and against current
- Comparison of different exchangers

### Technical specifications :

This bench is equipped according to the version with 1 (MP101 version customized to be adapted with our commercial team) to 4 types of exchangers :

#### A brazed plate heat exchanger :

- a concentric tube exchanger.
- tubular bundle heat exchanger with stainless steel grille with glass or stainless steel grille.
- A coil heat exchanger.

- 2 float flow meters for hot and cold water circuits
- from 4 to 16 PT100 temperature probes with digital indicators and selector according to the versions
- manometers
- A set of manual valves
- stainless steel supply and discharge circuits, welded steel frame
- Electrical cabinet with temperature display, buttons, security system, emergency stop.
- Data acquisition option: digital demoders, temperature display on a 7 " touch screen and transmission on a computer.
- Option: water heater group from 3 to 18Kw.