



# MOTOR BENCH TEST

## Main features :

### 1) Three-phase alternative output according to 3 modes:

- Voltage generator mode from 0 to 400 V with voltage regulation and 230 V position
- Current generator mode from 0 to 200/400/800/1200 A (depending on the test bench model) with intensity control.
- Asynchronous starter mode with variable ramps starting at nominal I.
- Voltage & current display by voltmeters & amperes numeric (Accuracy  $\pm 1\%$ )

*Outputs are equipped with lockable safety sockets.*

### 2) 16A single phase alternative output

- with visualization on digital ammeter
- Output on 10 / 16A sockets

### 3) Continuous output of power (induced)

- Variable voltage from 0 to 540 V with voltage regulation.
- Variable intensity from 0 to 200/400/800/1200 A (depending on the test bench model) with intensity regulation (protected in DC and thermal).
- Voltage & current display by voltmeter & digital ammeter.

*Outputs are equipped with lockable safety sockets.*

### 4) Continuous output of small power (excitation)

- Variable voltage from 0 to 540V with voltage regulation.
  - Maximum intensity 20A.
  - Voltage & current display by voltmeter & digital ammeter.
- Outputs are equipped with lockable safety sockets.

**Safety of loss of excitation by interruption of the power continuous in case of drop of the excitation current.**

- 5) **Alternative outputs:** 12V-24V-48V-115V-230V 5A  
**Continuous outputs:** 12V-24V-48V-115V-230V 5A

6) **Digital tachometer:** 0 - 6000 rpm with optical sensor Accuracy  $\pm 1\%$

7) **Input and digital display tachometer :** for control of dynamos.

8) **Printer output** for direct connection with print voltages, currents, cosine  $\phi$ , power per phase, test power, etc ...



## MAIN FEATURES

Model	Protection	Dimensions	Output
BEM 200	Fuse / Electronique control / Thermal security	Height : 1000 mm / Width : 600 mm / Depth : 400 mm	400 V 50 Hz - 440 V 60 Hz
BEM 400	Fuse / Electronique control / Thermal security	Height : 1000 mm / Width : 800 mm / Depth : 800 mm	400 V 50 Hz - 440 V 60 Hz
BEM 800	Fuse / Electronique control / Thermal security	Height : 1000 mm / Width : 1800 mm / Depth : 800 mm	400 V 50 Hz - 440 V 60 Hz
BEM 1200	Fuse / Electronique control / Thermal security	Height : 1000 mm / Width : 2500 mm / Depth : 400 mm	400 V 50 Hz - 440 V 60 Hz

*Physical and electrical characteristics are subject to change depending on technological developments*