

4.1 - D.C. MACHINES

- Design: with typical industrial characteristics.
- Input/output with standard 4 mm safety sockets.
- Manual explaining theory and practice
- Other speed available like 3600rpm
- Other supply voltage available
- Protection against thermal overload

- Rail base and shaft joints available for fast and easy coupling.
- Optional double shaft ends

Accessories:

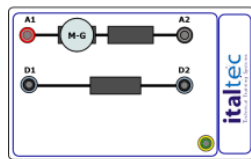
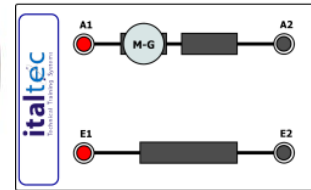
- STARTING RHEOSTAT
- EXCITATION RHEOSTAT
- POWER AND EXCITATION SUPPLY

Mod.4140 Shunt Wound Machine 3000rpm

Mod.4140-4 Shunt Wound Machine 1500rpm

Modes: self and externally excited Motor/Generator

- Nominal voltage: 220Vdc
- Excitation voltage: 100÷210Vdc
- Nominal speed: 3000/1500rpm
- Nominal power: 1,1Kw (mot.) 0,8kW(gen.)



Mod.4150 Series Wound Machine 3000rpm

Mod.4150-4 Series Wound Machine 1500rpm

Modes: series Motor/Generator.

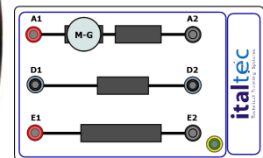
- Nominal voltage: 220Vdc
- Nominal speed: 3000/1500rpm
- Nominal power: 1,1Kw (mot.) 1kW(gen.)

Mod.4160 Compound Wound Machine 3000rpm

Mod.4160-4 Compound Wound Machine 1500rpm

Modes: self and externally excited Motor/Generator.

- Nominal voltage: 220Vdc
- Excitation voltage: 100÷210Vdc
- Nominal speed: 3000/1500rpm
- Nominal power: 1,1Kw (mot.) 1kW(gen.)



Mod.4165 Multi circuit Wound Machine 3000rpm

Mod.4165-4 Multi circuit Wound Machine 1500rpm

Modes: Shunt wound, compound wound, series wound Motor/Generator.

- Nominal voltage: 220Vdc
- Excitation voltage: 100÷210Vdc
- Nominal speed: 3000/1500rpm
- Nominal power: 1,1Kw (mot.) 1kW(gen.)



**MOD.6030AL
Universal base**

with rail for easy and fast coupling for test of electrical machines