

Micro Hydro Power Generation Trainer

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UNPMES merupakan solusi edukasi mekatronika yang dapat menjembatani kebutuhan dunia industri dengan dunia pendidikan. Mengadaptasi teknologi terkini yang di terapkan pada kondisi industri di lapangan, UNPMES memberikan modul pelatihan mekatronika dari tingkat dasar hingga mahir.

Dengan melakukan pelatihan dan pembelajaran mekatronika UNPMES, peserta didik dapat memahami penerapan teknologi dan aplikasinya pada dunia industri yang sebenarnya untuk memperkaya literasi sumber daya manusia Indonesia terhadap Revolusi Industri 4.0

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VMES 4.0

Micro Hydro Power Generation Trainer Model : **MES-POWER-H218**



Technical Specification :

- Micro Hydro Turbine
- Real Generator coupled to the Turbine Unit (approx. output 1Kw)
- Piping and control valves for the Turbine water input/output
- Pressure gauges and flow meter for the water flow
- Input /Output Interface panel
- Water Storage Tank with drain and valves, approx 1 cubic meters for 1 kW system
- Mini tower for the Water Storage tank
- Pump Unit with control valves. Variable speed control to vary the water flow
- Control Panel with Meters and Controls including AC
- Voltmeters or DC Voltmeters, AC Ammeters DC Ammeters, AC
- Frequency meter, circuit breaker power protection system.

Benefit :

- With this trainer, trainees can learn about micro hydro systems as a form of alternative energy power generation.
- with this lab, students will learn about micro hydro systems, how they operate, how to set one up, how they are controlled, storage and distribution of power and basic electrical power generation and protection systems.
- The trainer consists of the micro hydro turbine system, piping and control valves, pressure gas and flow meter

Features :

- Battery Storage System consisting of Lead Acid Batteries 12 Volt DC
- Inverter to convert DC power into AC power
- All connections are made with 4mm educational safety sockets and test leads

Layanan Purna Jual :

- Common Accessories.
- Materials for Installation.
- Provide Cable Requirement.
- Modul Pembelajaran VMES 4.0.
- Buku Panduan Manual.
- Surat Dukungan.
- Authorization Letter.
- Training of Trainer Session (TOT).
- Installation, Commissioning etc.
- Spare Parts availability up to 7 years.
- Garansi 2 Tahun setelah Pengiriman dan Kerusakan karena Produksi Awal.

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