

TRADITIONAL POWER GENERATION TRAINER

Overview

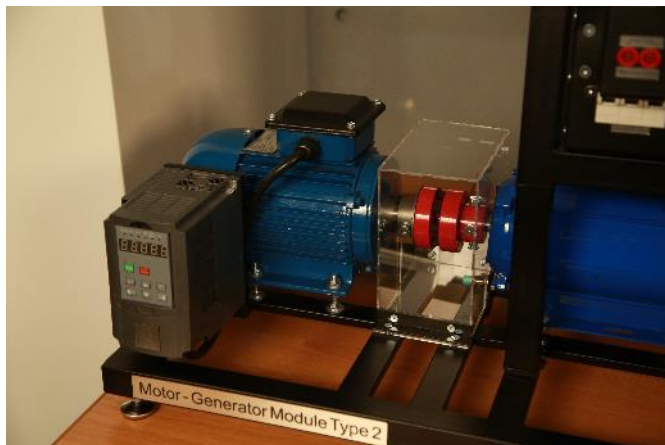
This option of the Traditional Power Generation Trainer can work in both off-grid and on-grid modes. It consists of a 3-phase synchronous generator moved by an asynchronous motor using a VFD. With the manually controlled excitation current and motor, it allows to investigate the generator performance in different mechanical energy. In off-grid mode it allows to investigate the supply of local loads, as well as voltage and frequency regulation. In on-grid mode it allows to implement the synchronization with the mains power grid.

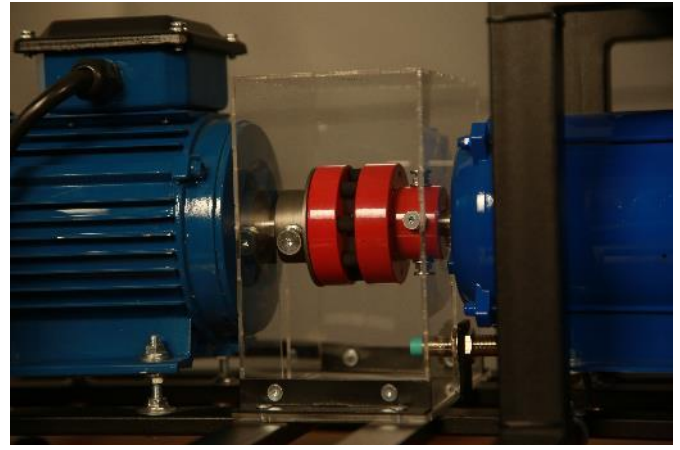
YouTube Link: <https://youtu.be/Kev6Ni612kU>



Topics covered

- ✓ Types of traditional power plants
- ✓ Energy sources and drive engines of traditional power plants
- ✓ Electric generators of traditional power plants
- ✓ Operation of autonomous traditional power plants
- ✓ Operation of on-grid traditional power plants
- ✓ Protection in traditional power plant in case of emergencies





Traditional Power Generation Trainer Software Screenshots

