



**55550** Green Technology Training Systems offers industry relevant knowledge and skills in the fast-growing areas of solar and wind power.

### **Why is Green Technology Trainer Kit Important?**

Every day, the environment we live is modified and new technologies are being introduced to create innovative ideas that do not affect the planet or other natural resources, including challenges to global warming and Green House effects. Such improvements, if done properly, could potentially slow down Global Warming, do less harm to people and significantly improve our planet's health. Green Technology Training is the best way to sustain this positive growth.

Green Technology Trainer Designed to Teach Hands-On, Job-Ready Skills

Solar and Wind hardware simulators offer the chance to acquire industry-driven skills and abilities in the classroom.

### **Renewable Energy Trainer Kit**

The switch from coal, oil, and nuclear energy to renewable energy types is gaining momentum. Today, technology has evolved into an environmentally friendly source of energy, such as solar energy, wind, hydrogen fuel and biomass.

Well-qualified technicians and engineers around the world are being sought to help continue this trend. Today, there are rapid changes in

technology. This trend is compounded by rising training and education demands. Tesca has built the right training to deal with the increasingly complex world of education and training.

This wind trainer explores the design and operation with double induction generators of modern wind power stations. The impact of wind power, and the mechanical design of wind power stations can be realistically emulated. The control unit for the asynchronous double feed machine (as a wind power plant generator) provides easy use and visualization during the tests.

### **Training Content**

- Understand the construction and working of modern wind turbines
- Explore "From wind to wave" physical principles
- Learn about various concepts of wind power
- Determine optimal points of activity in changing wind conditions

### **Solar Trainer:**

- WIND
- FUEL CELL

Note: Specifications are subject to change.