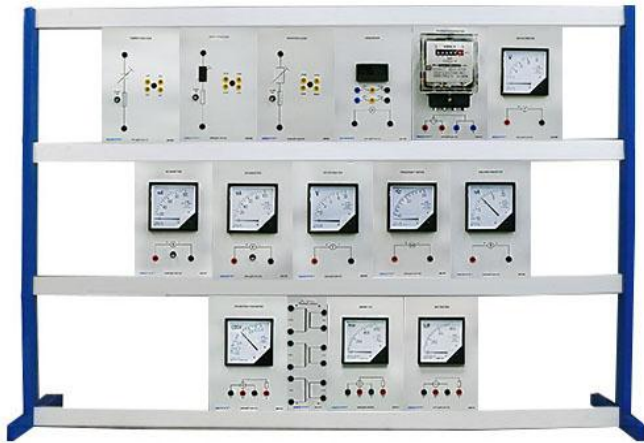


# ELECTRICAL INSTRUMENT TRAINING KIT

Model Number : GOTT-EIT-1550



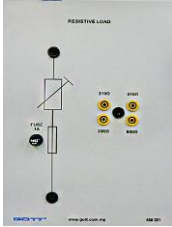
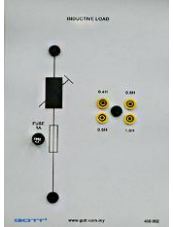
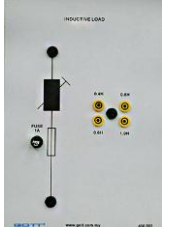
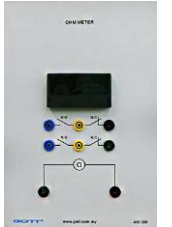






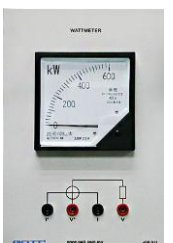

## DESCRIPTION

The experimental panel system "Electrical Instrument" is mainly used for the application of experimental electrical instrument for demonstration purposes in classrooms and lecture-rooms. The individual units of an experimental set-up are connected via 4-mm. safety sockets which are arranged in large, synoptically graphical symbols or current flow diagrams. Due to the vertical arrangement of the experimental panels, the experimental set-up can be seen from a far distance and can be adapted step by step to the course of the lessons or lectures.

## FEATURES



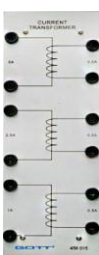
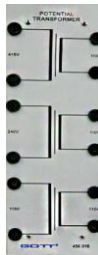


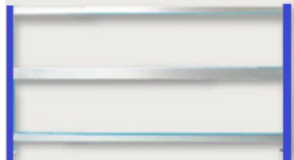

- Various types of measuring meter up to 10 units for different operation
- Precise and accurate measuring instruments
- Works with basic instruments test and enable hand-on experience for students

## PRODUCT MODULE

RESISTIVE LOAD	CODE 456-001	INDUCTIVE LOAD	CODE 456-002	CAPACITIVE LOAD	CODE 456-003	OHM METER	CODE 456-009
Range: 210Ω, 390Ω, 470Ω, 860Ω Protection Fuse 1A		Range: 0.4H, 0.6H, 0.8H, 1.0H Protection Fuse 1A		Range: 1μF, 2μF, 4μF, 8μF Protection Fuse 1A		Range: 0~1000Ω Accuracy: Class 1.5	
							
AC VOLTMETER	CODE 456-005	DC AMMETER	CODE 456-006	AC AMMETER	CODE 456-007	GALVANO AMMETER	CODE 456-008
Range: 0~10VAC Accuracy: Class 1.5		Range: 0~100 mA Accuracy: Class 1.5		Range: 0~100 mA Accuracy: Class 1.5		Range: -10 to +10 mA Accuracy: Class 1.5	
							
DC VOLTMETER	CODE 456-004	FREQUENCY METER	CODE 456-010	WATTMETER	CODE 456-011	VARMETER	CODE 456-012
Range: 0~10VDC Accuracy: Class 1.5		Range: 45~55 Hz Accuracy: Class 1.5		Range: 0~500 W Accuracy: Class 1.5 Protection Fuse 1A		Range: 0~500 VAR Accuracy: Class 1.5	
							

# ELECTRICAL INSTRUMENT TRAINING KIT

Model Number : GOTT-EIT-1550

<b>POWER FACTOR METER</b> CODE 456-013 Range: 0.5 Lag/Lead to 1 Accuracy: Class 1.5 Protection Fuse 1A 	<b>KILOWATT HOUR METER</b> CODE 456-014 Speed: 1200 turn/ 1kW/Hour Accuracy : Class 1.5 	<b>CURRENT TRANSFORMER</b> CODE 456-015 Current ratio: 1A/0.5A, 2.5A/0.5A, 5A/0.5A 	<b>POTENTIAL TRANSFORMER</b> CODE 456-016 Voltage ratio: 110V/110V, 240V/110V, 415V/110V 
<b>U-LINK</b> CODE 159-019 For connecting junction point 	<b>SAFETY CONNECTING LEAD</b> CODE 237-001 4mm connecting leads 	<b>VERTICAL FRAME</b> CODE 297-000 High level : DIN standard A4 with two shelves Material: Aluminium Side Frame: T shape Size: 3-Layer 1450mm Length 	<b>EXPERIMENT MANUAL</b> CODE 456-017 

**EXPERIMENT TOPICS :**

- Understanding different characteristic of load
- Defining the AC and DC voltage
- Defining the AC and DC electrical current
- Defining the resistance of the circuit
- Ohm’s law
- Calculation on resistance, power and energy
- Defining the power factor for different load
- Current transformer versus potential transformer

**Manuals :**

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

**General Terms :**

- (1) Accessories will be provided where applicable.
- (2) Manuals & Training will be provided where applicable.
- (3) Designs & Specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

**Warranty :**

2 Years

**ORDERING INFORMATION :**

ITEM	MODEL NUMBER	CODE
ELECTRICAL INSTRUMENT TRAINING KIT	GOTT-EIT-1550	456-000

\*Proposed design only, subject to changes without any notice.