

# BASIC ELECTRICITY TRAINING KIT

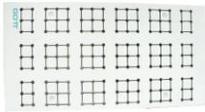
Model Number : GOTT-BET-1355



## DESCRIPTION

The GOTT Basic Electricity Training Kit is designed to be a tool for learning basic electricity principle and circuitry. Using low voltage components, the equipment reinforces basic DC electricity characteristics. This Basic Electricity Training Kit allows you the opportunity to use a wide variety of electrical components.

## PRODUCT MODULES

EXPERIMENTAL PLUG-IN SQUARE PLATE	CODE 190-001	CURRENT SUPPLY MODULE	CODE 190-034	CERAMIC CAPACITOR	CODE 190-010	NiCr WIRE (NI-CHROME)	CODE 190-033	INDUCTOR	CODE 190-009
Size : 297mm x 150mm 		Input : 0-15 VDC Output : 3-20 mA 		Type : 2200 pF / 1μF / 0.1μF / 0.22 μF 		Diameter : 0.2mm, Length : 1m, Resistance : 36 Ω 		Type : 10 mH 	
KNIFE SWITCH	CODE 190-008	DIODE	CODE 190-064	BULB HOLDER	CODE 190-061	POTENTIO-METER	CODE 190-004	RESISTOR	CODE 190-012
		Voltage : 6.2V 				Type : 1kΩ 		Type : 1Ω / 100Ω / 200Ω / 300Ω / 510Ω / 2KΩ 	
CuNi WIRE	CODE 190-032	BATTERY HOLDER	CODE 190-011	EQUIPMENT TRAY	CODE 190-085	U-LINK	CODE 103-022	EXPERIMENT MANUAL	CODE 103-026
Diameter : 0.2mm, Length : 1m, Resistance : 16 Ω Diameter : 0.1mm, Length : 1m, Resistance : 64 Ω Diameter : 0.2mm, Length : 2m, Resistance : 32 Ω 		Battery Type : Type D 				For connecting junction point 			
						STANDARD CONNECTING LEAD	CODE 447-000		
						4mm connecting leads 			

### EXPERIMENT TOPICS :

- Ohm's Law on current
- Ohm's Law on resistance
- Measure voltage-current characteristic of a linear resistance
- Non-linear resistance resistor
- R-L-C impedance characteristic and resonance
- Measurement of Inductance & Capacitance impedance characteristic
- Thevenin's Theorem
- Norton's Law
- Kirchhoff's Law
- Series circuit
- Parallel circuit

### Manuals :

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

### Warranty :

2 Years

### 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.

### ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
BASIC ELECTRICITY TRAINING KIT	GOTT-BET-1355	103-000

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