

SPECTROPHOTOMETER TRAINER

Model Number : GOTT-SPCT-01



DESCRIPTION

GOTT-SPCT-01 is designed to demonstrate the operation, theory, repair and servicing of Spectrophotometer equipment that used at clinics & hospitals. The unit is given the fault diagnosis so as to facilitate the teaching of trouble shooting techniques.

A fault simulator is provided with circuit block diagram of the device for the students to study theoretically and experimentally in order to understand the operation of the device.

The fault is activated by button that disables or create malfunction of certain circuit or components so that the device become faulty.

Based on the symptoms and the signal at the test points, the students then do the troubleshooting exercise to find the faulty circuit or components. After locating the failure, the fault can be reset, and then the device work normally.

FEATURES

- Real Spectrophotometer unit
- High quality industrially accepted component
- Bold color identification of circuits
- Designed to simulate common faults
- Detailed instruction & experiment manual

SPECIFICATIONS

- Large LCD screen (128x64 Dots)
- Can display and save 50 groups of data, 3 groups per screen
- Auto setting wavelength
- Data can be restored after a sudden power cut
- Circuit Block Diagram of Spectrophotometer
- Electrical Test Points
- Fault Simulation

EXPERIMENT TOPICS

- Understanding Spectrophotometer Unit
- Block Diagram Spectrophotometer Explanation
- Operating The Spectrophotometer Training Unit
- Troubleshooting of Tungsten Lamp
- Troubleshooting of Digital Circuit
- Troubleshooting of Lamp Position Motor
- Troubleshooting of Microcontroller
- Troubleshooting of Signal Conditioning

Manuals :

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

General Terms :

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & 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
SPECTROPHOTOMETER TRAINER	GOTT-SPCT-01	200-410

* Proposed design only, subject to changes without any notice