

# INTRAORAL DENTAL X-RAY TRAINER

Model Number : GOTT-IOXT-01



## DESCRIPTION

GOTT-IOXT-01 is designed to demonstrate the operation, theory, repair and servicing of Intra oral Dental X-Ray equipment that used at clinics & hospitals.

Intraoral Dental X-rays are the most common type of dental X-ray taken. These X-rays provide a lot of detail and allow your dentist to find cavities, check the health of the tooth root and bone surrounding the tooth.

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 Intraoral Dental X-Ray unit
- High quality industrially accepted component
- Bold color identification of circuits
- Designed to simulate common faults
- Detailed instruction & experiment manual

## SPECIFICATIONS

- Power supply : AC220V±10%,50HZ,1KVA
- Tube voltage : 60Kvp
- Tube current : 8ma
- Focus size : 0.8mm
- Circuit Block Diagram of Intraoral Dental X-Ray
- Electrical Test Points
- Fault Simulation

## EXPERIMENT TOPICS

- Understanding Intraoral Dental X-Ray Unit
- Block Diagram Intraoral Dental X-Ray Explanation
- Operating The Intraoral Dental X-Ray Unit
- Troubleshooting of Power Supply
- Troubleshooting of the Control Panel
- Troubleshooting of Exposure Shutter
- Troubleshooting of Column
- Troubleshooting of Row

## 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
INTRAORAL DENTAL X-RAY TRAINER	GOTT-IOXT-01	200-422

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