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**Product Name :**  
TCM Fuel Injection System Trainer

**Product Code :**  
LBNY-0005-1990007



#### **Description :**

The Fuel injection system trainer that demonstrates the working principle of a Teledyne Continental (or TCM) fuel injection system. The carburetor less fuel systems are very commonly used on general aviation aircraft and students must be very familiar with the TCM fuel injection system in order to effectively maintain and troubleshoot the system. The students are trained to apply a logical methodology to locate and identify the fault, and to determine a remedial action to fix the problem. The training value of the is further enhanced by our proprietary computer-based training (CBT), which is included with the equipment. The trainer is built to provide the instructor an effective resource for teaching, as well as to provide hands-on training to the students. The trainer is equipped with instructors panel in the back of the panel that allows the instructor to insert various faults. The CBT is very user friendly due to short text substantiated by clear illustrations and animations. The CBT covers the basic concepts of fuel injection systems with the help of visually rich contents.

#### **Technical Specification :**

Cutaways  
Fuel Injector  
Fuel Manifold Assembly  
Instruments  
Fuel Flow Indicator  
Fuel Quantity Indicator  
Components  
Fuel Tank (with cap)  
Fuel Quantity Transmitter  
Throttle

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Vane-Type Fuel Injector Pump  
Gas colator  
Fuel Injectors  
Fault Insertion & Trouble System  
Trouble-shooting Chart  
No.of Simulated Faults: 10  
Test Points Panel  
Electrical Power  
Either 110-120 VAC/ 60 Hz or 220-240 VAC/50 Hz.



**Laboratory Instrument India**