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**Product Name :**  
Automotive Inverter Trainer

**Product Code :**  
LBNY-0005-120000195



#### **Description :**

Designed engine and color printed, clear presentation of the transistor circuit

Automatic mode: precise control of the drive to a standstill

Voltage measurement points in the three phases including additional current-measuring points with an integrated shunt, measuring socket in star point

LED's in each of the three phases indicate the direction of current to and from the engine - and thus the magnetization of the coil

LED's in each transistor indicate the status

Manual mode: Individual on and off switching of the transistors in the inverter

Low voltage for safe handling.

#### **Learning Objectives:**

Pressing the switches in the correct order will move the motor gradually to work out the basic function

Acquire knowledge about the interaction of the electronic components in the inverter and electric motor

Represent pulse width modulated signals and sinusoidal wave forms in detail with the oscilloscope, also between individual phases

Deepen your expertise to optimally adjust oscilloscopes and evaluate the presentations.

#### **Technical Specification :**

Dimensions: L x W x H 297 x 266 x 110 mm

Power supply: 12 Volt DC

Weight: about 4 kg.



**Laboratory Instrument India**