

**SAP E & C I TO P AND P TO I CONVERTER SET UP**  
(PRODUCT CODE: SAP – 41)



The **I to P and P to I Converter Trainer (Product Code: SAP - 41)** gives an idea regarding the operation of Electric to Pneumatic & Pneumatic to Electric conversion

**I to P and P to I Converter Setup (SAP –41)**

**Technical Specification-**

No.	Item Name	Technical Specifications
1	I/P Converter -	Input: 4-20mA Output : 3-15 PSI
2	P/I Converter-	Input : 3-15 PSI Output : 4-20 mA
3	Air pressure Regulator-	Range: 0- 4.1 Kg/cm <sup>2</sup> , with Pressure Gauge
4	Digital Current Indicator-	Supply : 1ϕ230 VAC Range : 0-20 mA
5	Current Source-	Supply : 1ϕ230 VAC Range : 0-20 mA
6	Pressure Vessel-	Capacity : 2.1 Kg/cm <sup>2</sup>
7	Pressure Gauge-	Range : 0-2.1 Kg/cm <sup>2</sup>

**Features-**

- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Robust Construction.
- ❖ Ms Powder coated frame.
- ❖ Training Manual for Operation Ease

**System Specifications-**

- ❖ Digital Current Indicator with 3 ½ Digital Display
- ❖ Current source with 3 ½ Digital Display
- ❖ I/P Converter Input : 4-20 mA Output : 3-15 PSI
- ❖ P/I Converter Input : 3-15 PSI Output : 4-20mA
- ❖ Pressure Vessel Capacity 2.1 Kg/ cm<sup>2</sup>
- ❖ Air Filter Regulator with Pressure Gauge

**Range of Experiments-**

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- ❖ Study of I/P & P/I Converter Setup

**Services Required-**

- ❖ Electric supply: 1 $\phi$ 230 V AC, 50 Hz.
- ❖ Dry, Compressed, Clean Air supply at 2.1 Kg/cm<sup>2</sup>.

**Note-**

All descriptive matter and illustrations are intended to give only a general idea of the equipment. Detailed specifications may be altered at the company's discretion without any notice.

