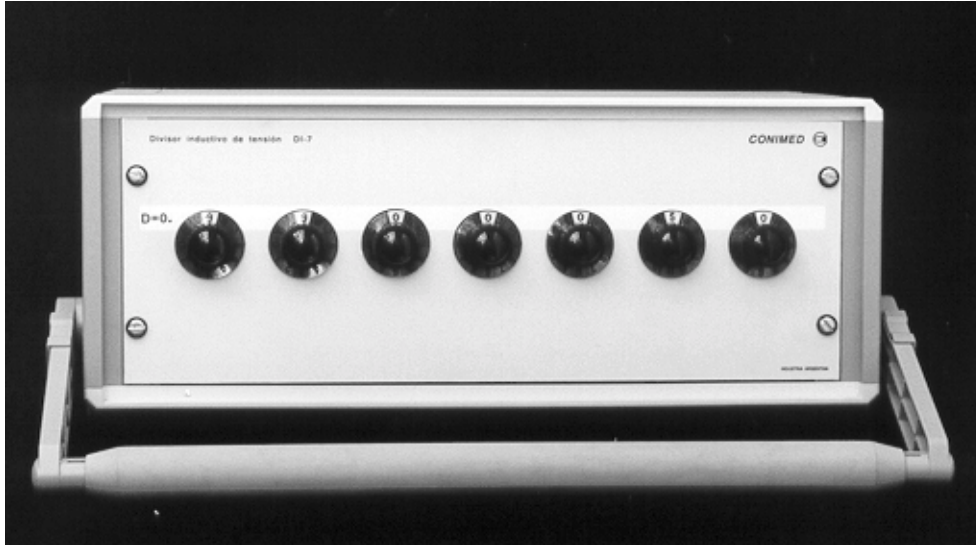


**CONIMED**

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**Model DI-7**

**INDUCTIVE VOLTAGE DIVIDER  
(Decade transformer)**



**Applications**

- To adapt different nominal ratios in the comparison of voltage transformers
- Measurement of voltage ratios
- Calibration of voltmeters and ammeters
- Calibration of voltage dividers
- Configuration of bridge circuits
- 7 decades allow great resolution
- High accuracy
- Accepts up to 300 V input at mains frequency of 50 or 60 Hz
- Low output impedance
- Two stages design with magnetizing winding

**Characteristics**

- Specifically designed to be used in the power frequency range (40 - 400 Hz)
- Surge protected with resistances in every position of the rotary switches
- Booster type in the last decades to avoid effect of contact resistance of switches
- Supplied with calibration certificate

## Inductive Voltage Divider Model DI - 7

### **Specifications:**

Number of decades: 7

Voltage / frequency: 5 V / Hz

Reference Voltage: 250 V

Input Voltage: < 300 V

Reference Frequency: 50 / 60 Hz

Frequency Range: 40 - 400 Hz

Linearity:  $\pm 0,0002 \%$ ,  $\pm 10 \mu\text{rad}$

Admittance of magnetizing winding:

$< (3,5 - j 2,5) 10^{-5} \text{ S @ } 100 \text{ V ; } 50 \text{ Hz}$

$< (3,0 - j 2,0) 10^{-5} \text{ S @ } 250 \text{ V ; } 50 \text{ Hz}$

Output impedance:

Resistance: < 2,9  $\Omega$

Inductance: < 32  $\mu\text{H}$

*Please contact factory for further details and offers:*

**CONIMED S.A.**

Cantilo 1620 - (1676) Santos Lugares - Pcia. de Buenos Aires - Argentina

Tel: ++54 11 4757 0383 - Fax: ++54 11 4859 6200

E-Mail: [sales@conimed.com](mailto:sales@conimed.com)