The CHECK•LINE® DT-721 and DT-725 Digital Stroboscopes are highly stable, industrial-quality instruments for non-contact RPM measurement as well as for inspection and observation of moving parts by “freezing” or “slowing down” the action.

A “Kit” option is offered for both models which also includes a carrying case and spare flash tube at minimal additional cost.
DT-700 Series

Specifications

- **Models**
  - DT-721 (AC-powered version)
  - DT-725 (Battery-powered version)

- **Flash Range**
  - 40 – 12,500 FPM

- **Accuracy**
  - ± 0.02% of reading

- **Resolution**
  - (0.1) 40.0 – 4,999.9
  - (0.2) 5,000.0 – 7,999.8
  - (0.5) 8,000.0 – 9,999.5
  - (1.0) 10,000.0 – 12,500.0

- **Display**
  - 5-Digit LED, 8 mm high

- **Flash Tube**
  - Xenon, 10 watt

- **Tube Life**
  - 100 million flashes

- **Flash Duration**
  - 10 – 15 µs

- **Signal Output**
  - NPN Open Collector, 24 VDC max. at 50 mA (150 µs typical)

- **Phase Shift**
  - 0 – 359° (Internal Mode)

- **Duty Cycle**
  - Continuous

- **Battery Life**
  - 1 hour (Model 725 only)

- **Re-charging Time**
  - 12 hours (4 hours with optional Fast Charger)

- **Low Battery Indicator**
  - Model 725 only

- **Operating Temperature**
  - 32 to 105 °F (0 to 40 °C)

- **Weight**
  - Model 721: 1.50 lbs. (680 g)
  - Model 725: 2.75 lbs. (1.25 Kg)

- **Power Requirements**
  - Model 721: 115 VAC ± 10%, 50/60 Hz
  - Model 725: Internal Battery (Lead Acid Rechargeable)

- **External Trigger Options**
  - Suitable for applications requiring external control of the flash rate using a sensor or other input device. An external power source may be required.
  - **External Trigger Input Signal**
    - a) 12–24 VDC thru a 3-wire NPN sensor (requires external power supply)
    - b) 12 VDC thru a 2-wire proximity sensor (Leakage Current 1 mA max. Load current 8 mA min.)
    - c) Switch or Relay Contact

**Ordering Information**

- For countries with 230 VAC
  - DT-721-2, DT-721-2-KIT
  - DT725-2, DT-725-KIT-2

- For countries with 115 VAC
  - DT-721, DT-721-KIT
  - DT725, DT-725-KIT

**Check•Line®**

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Specifications subject to change without notice.