



OPTICAL PICKUP

CAT. 1037-DTS

THE EASTERN SPECIALTY COMPANY

USE

This **Optical Pickup (Catalog No. 1037-DTS)** is specifically designed for **TESCO's Next Generation Test Boards**.

TESCO introduces a new optical pickup (**Catalog No. 1037-DTS**) for one way meter communication through the calibration LED found on most solid state meters. The pickup senses infrared pulses from ANSI compliant meters for complete, automatic testing.



FUNCTIONALITY

The **TESCO** optical pickup has the ability to connect to any meter (without the need of an adapter). Using magnets and two adjustable suction cups (one that swivels a full 360°), our pickup is designed to accommodate multiple surfaces and working heights on the meter cover. The **TESCO** optical pickup has also been designed to operate in all ambient sunlight conditions (i.e. mid-day, direct sunlight), and in extreme testing conditions (i.e. cold weather), while continuously maintaining constant, accurate results. Additionally, **TESCO** developed the pickup to be resistant to RF noise from established and emerging AMI technologies.

To operate the **TESCO** optical pickup, simply attach it to a meter and testing will begin automatically when powered. A red LED on the head of the pickup indicates a pulse reading. A green LED indicates power to the pickup.



SPECIFICATIONS

- **Power Supply:** Via field test standard
- **Lead:** 6ft. flexible; custom lengths available
- **Connector:** DB9
- **Fastening:** Suction adhesion & magnetic connection
- **Optical:** Conforms to ANSI Standards
- **Mechanical:** High-impact ABS housing, dimensions conforming to ANSI Standards

