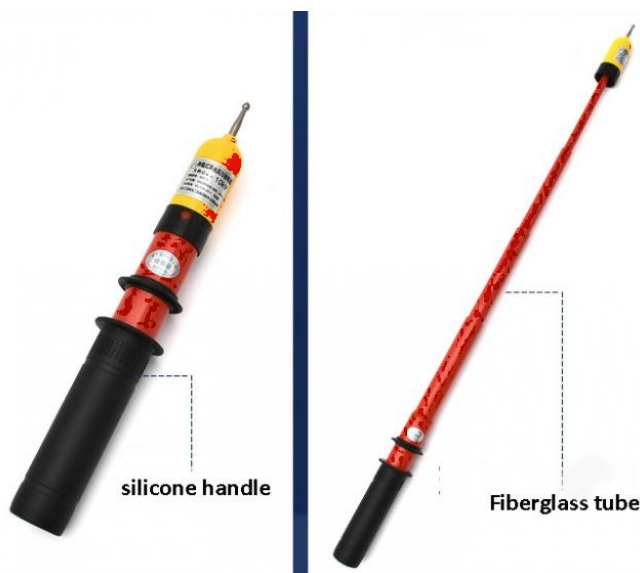


HIGH VOLTAGE ACOUSTO-OPTIC ELECTROSCOPE

Model: TID-HVD1 | Detection Range: 80 V – 24 kV AC | Standard: IEC 61243-1:2003



PRODUCT TYPE	High-voltage acousto-optic electroscope
VOLTAGE RANGE	80 V – 24 kV AC
DETECTION	Acousto-optic + visual warning indication
INSULATING MATERIAL	Fiberglass insulating tube / rod
HANDLE	Silicone-insulated handle
SELF-TEST	Integrated self-test button
APPLICATION	Live-line maintenance & voltage presence checking
SERVICE LIFE	Long service life

FEATURES & APPLICATIONS

- **High-voltage detection:** designed for AC voltage presence indication across the specified 80 V–24 kV range.
- **Acousto-optic indication:** audible and visual warning helps the operator identify energized conductors.
- **Fiberglass insulation:** high-strength insulating construction for live-line work environments.
- **Ergonomic handle:** silicone handle provides a secure operating grip and electrical insulation.
- **Self-test function:** integrated self-test button supports pre-use functional checking.
- **Rugged construction:** designed for durability, temperature resistance and corrosion resistance.

TECHNICAL SPECIFICATION

Manufacturer / Brand	TID POWER (product source)
Model	TID-HVD1
Standard	IEC 61243-1:2003
Voltage detection range	80 V – 24 kV AC
Product type	Acousto-optic high-voltage detector / electroscope
Insulating structure	Fiberglass
Handle	Silicone insulated
Indication	Acoustic + optical / warning light
Self-test	Yes
Design	Telescopic / insulated rod configuration
Weight	Lightweight
Color configuration	Red insulating rod with yellow detector head



PRODUCT DETAILS & VISUAL FEATURES

Red-color configuration shown for MAG technical presentation.

	
Electroscope self-test button  Warning Light	Functional features • Integrated self-test button • Visible warning light • Insulated fiberglass rod • Silicone hand grip • Acousto-optic voltage indication • Compact detector head • Suitable for live-line maintenance • Red insulated rod configuration

RECOMMENDED APPLICATIONS

- Live-line maintenance and electrical safety inspection
- Voltage presence verification on AC electrical systems
- Substation and distribution equipment inspection
- Field maintenance where rapid visual/acoustic indication is required

ORDER / IDENTIFICATION INFORMATION