

HYDRON INCORPORATED

VOLTAGE DETECTORS



VOLTAGE DETECTOR - PROXIMITY/ DIRECT CONTACT (0 - 40kV)

Dual application design. Detects voltage both as a proximity or direct contact meter on overhead and underground systems.

- Five-Position selector switch controls different functions:
 - P - Indicates voltage in proximity to line
 - URD - Detects voltage on underground systems
 - OH - Detects overhead voltage 0 - 10 kV
 - X4 - Detects overhead voltage 11 - 40kV
 - T - Tests and verifies meter function
- Selector switch calibrated for height above ground to compensate for capacitive coupling effect
- Reads only contacted test point. Indicates line-to-ground values for nominal or induced voltages
- Easy to read analog scale
- Over load protected up to 66.5kV (115kV phase-to-phase)



VDA040P

- Completely shielded to minimize stray field interference
- Optional adapters available for underground use up to 35kV
- Watertight construction
- See page 214 for Accessories

NO.	DESCRIPTION	WEIGHT
VDA040PU	Universal	18 lbs
VDA040PGA	Grip All	18 lbs
VDA040PH6	Quick Change with Handles	

VOLTAGE DETECTOR (0-40kV)

Multi-function design for voltage detection on overhead and underground systems with ability to read capacitive test points

- Five-position selector switch controls different functions:
 - C - Indicates voltage on capacitive test points
 - URD - Detects voltage on underground systems
 - OH - Detects overhead voltage 0 - 10kV
 - X4 - Detects overhead voltage 11 - 4kV
 - T - Tests and verifies meter function
- Selector switch calibrated for height above ground to compensate for capacitive coupling effect
- Reads only contacted test point and indicates line-to-ground values for nominal or induced voltages.
- Easy to read analog scale
- Over load protected to 66.5kV (115kV phase-to-phase)
- Completely shielded to minimize stray field interference



VD040C

- Optional adapters available for underground use up to 35kV
- Watertight construction
- See page 214 for Accessories

NO.	DESCRIPTION	WEIGHT
VDA040CU	Universal	18 lbs
VDA040CGA	Grip All	18 lbs
VDA040CH6	Quick Change with Handles	

VOLTAGE DETECTOR (0 - 300kV)

Widest voltage range (4kV - 500kV) available in one voltage detector. Designed for use on overhead and underground systems.

- Indicates approximate nominal or induced voltage in line-to-ground values
- Easy to read analog scale
- Dual linear / logarithmic scale for better resolution on 4kV systems
- Requires no voltage scale selector switch or multipliers
- Hold and backlight functions available on VDAH300
- Totally passive meter function
- Optional adapters available for underground use up to 35kV
- Watertight construction
- See page 214 for Accessories



VDA0300 / VDAH300

NO.	DESCRIPTION	WEIGHT
VDA0300U	Universal	18 lbs
VDA0300GA	Grip All	18 lbs
VDA0300H6	Quick Change with Handles	18 lbs
VDAH300U	Universal with hold light feature	18 lbs
VDAH300GA	Grip All with hold light feature	18 lbs
VDAH300H6	Quick Change with Handles	18 lbs

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VOLTAGE DETECTORS/METERS



DIGITAL VOLTMETER (0-50KV)

DESIGNED FOR MEASURING VOLTAGE AND PHASING ON OVERHEAD AND UNDERGROUND SYSTEMS

- Can be used on capacitive test points to detect voltage
- Completely shielded to minimize stray field interference
- Easy to read LCD digital meter
- Optional adapters available for underground use up to 35 kV
- No extension resistors required
- Connector cable protected by clear PVC covering
- 3kV test device included to verify unit and accuracy
- Watertight construction
- See page 214 for Accessories



PD50

NO.	DESCRIPTION	WEIGHT
PD50U	Universal	18 lbs
PD50GA	Grip All	18 lbs

HIGH LINE RESISTIVE DIGITAL VOLTMETER (0 - 50kV)

Designed for reading AC voltage with an accuracy range of + or -2%

- Easy to read LCD digital meter
- Completely shielded to minimize stray field interference
- Connector cable protected by clear PVC covering
- Optional adapters available for underground use up to 35kV
- Watertight construction
- No extension resistors required
- 3kV test device available to verify unit and accuracy
- See page 214 for Accessories



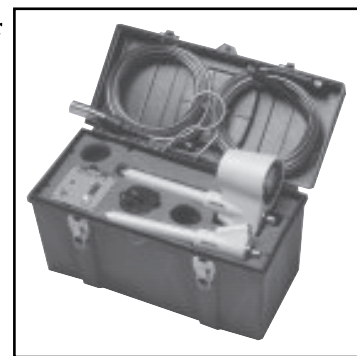
RVD 50

NO.	DESCRIPTION	WEIGHT
RVD50U	Universal	18 lbs
RVD50GA	Grip All	18 lbs

VOLTAGE DETECTOR AND PHASING VOLTMETER - 300V - 25kV/35kV

Dual application design for use as voltage detector or phasing voltmeter

- Five-position switch controls different functions:
 - C - Indicates voltage on capacitive test points
 - CP - Phases using capacitive test points
 - L - Detects voltage on overhead and underground lines
 - LP - Phasing on overhead lines
 - BT - Battery Test
- Completely shielded to minimize stray field interference
- Easy to read analog meter scale
- 3kV test device to verify unit and accuracy included
- No extension resistors required
- Optional adapters available for underground use up to 35kV
- Connector cable protected with clear PVC covering
- Watertight construction



81280/83280

- See page 214 for Accessories

COMPLETE SETS

300 v - 25KV

NO.	DESCRIPTION	WEIGHT
81280U	Universal	15 lbs
81280GA	Grip All	15 lbs
81280H6	Quick Change with Handles	25 lbs

300 V - 35 KV

NO.	DESCRIPTION	WEIGHT
83280U	Universal	15 lbs
83280GA	Grip All	15 lbs
83280H6	Quick Change with Handles	25 lbs

300 V - 25 KV UNDERGROUND & OVERHEAD

NO.	DESCRIPTION	WEIGHT
81280US	Universal	21 lbs
81280GAS	Grip All	21 lbs

These sets come with 2 bushing adapters.

300 V - 35 KV UNDERGROUND & OVERHEAD

NO.	DESCRIPTION	WEIGHT
83280US	Universal	21 lbs
83280GAS	Grip All	21 lbs

These sets come with 2 bushing adapters.



**TESTERS & LIVE
LINE TOOLS**

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