

PIPELINE LOCATOR:

Pipeline locator for Underground Hydrocarbon Pipelines with Cathodic Protection

The Pipeline locator consist of following items ,viz Receiver, Transmitter & Accessories



Pipeline locator for Underground Hydrocarbon Pipelines with Cathodic Protection. The Pipeline locator consist of following items viz Receiver, Transmitter & Accessories.

1. Receiver: Receiver of the Pipe Locator should contain following features:

Sl No	Property	Specification
1	Operating Mode	Signal Direction (in place of current direction. Current direction is patent of RADIODETECTION make), peak, null, fault find.
2	Operating frequency	Power, CPS, ELF, 640 Hz, KHz (8, 33, 65 etc)
3	Visual Indications	Signal current (mA), Pipeline Depth (m), Sonde depth (m), Current Direction, Peak/Null mode, Left/Right arrows, gain level, operation mode, Line/Sonde mode, , Battery status, Speaker volume & Backlight on.
	Audio Indication	(no waterproof loudspeaker) - In-built internal speaker.
	Power supply	Rechargeable Li-Ion Battery pack (better)
	Operating temperature	5 deg. C to +50 deg. C
	Data transfer	Either by Bluetooth or output port for connecting with PC



PRODUCT FACT SHEET

Category- PIPELINE



	Flame Proof	IP 54 Protection
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2. Transmitter:-Transmitter of the Pipe Locator should contain following feature

SI No	Property	Specification
1	Operating Mode	Signal Direction (in place of current direction. Current direction is patent of RADIODETECTION make), peak, null, fault find.
3	Visual Indications	Output current, Output Voltage, AC impedance/DC resistance, Audio volume indicator, Battery status indicator.
	Power supply	Power supply socket for providing 12 V external power from 12V vehicle battery
	Operating temperature	5 deg. C to +50 deg. C
	Flame Proof	IP 54 Protection

3. Accessories:-Following accessories in addition to the standard accessories should be provided along with the above Receiver & Transmitter.

SI No	Property	Specification
	Power supply	Power supply input leads for transmitter (for providing external power supply to transmitter, from external 12V vehicle battery)
	Battery	1(one) extra set of rechargeable Ni-Cd /NiMH Batteries for receiver. in addition to the battery set mentioned in point 1(e)
	Battery charger	Battery charger for charging receiver's rechargeable Ni-Cd /NiMH Batteries
	Data cable	for downloading receiver data into PC
	Application software	for displaying downloaded data, from receiver, in PC
	Leads	for connecting transmitter with pipeline and ground, including ground spike.
	Current Direction Clamp	5" Signal Clamp



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COMPRISING OF: RECEIVER vLocPro2 WITH ALKALINE BATTERY HOLDER LI-ION, RECHARGEABLE BATTERY PACK/NULL/COMPASS ANTENAS, SIGNAL DIRECTION, 1000 DATA LOGGING, 10 WATT TRANSMITTER WITH INTERNAL ALKALINE BATTERY TRAY.

INCLUDING :

1. 12V DC EXTERNAL BATTERY POWER LEAD FOR TRANSMITTER.
2. SPARK LI-ION RECHARGEABLE BATTERY PACK FOR RECEIVER
3. BATTERY CHARGER FOR RECEIVER RECHARGEABLE BATTERY PACK
4. USB DATA CABLE FOR DOWNLOADING RECEIVER DATA IN PC
5. WEB-BASED APPLICABLE SOFTWARE
6. OUTPUT LEADS FOR TRANSMITTER WITH GROUND SPIKE
7. 5" SIGNAL CLAMP
8. SOFT CARRYING CASE
9. PRINTED ENGLISH OPERATING MANUAL

Any Query Please Contact: indeg@oilindia.in