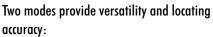


both inductively and conductively. Incorporating peak and null modes, the 480 gives users the ability to locate the vicinity of the line, and pinpoint its location. Line location is clearly indicated on a visual meter, accompanied by a distinct audible tone. With the integration of optimized signal frequency, better focus on the target conductor is achieved without creating noise on active communication lines. A loudspeaker is built-in

(or optional headphone set can be used) to override background noises.

The 480 can be mounted on a carrying handle to conduct blind searches, ground surveys, or to locate underground metal masses. For greater tracing accuracy and easier depth determination, the antenna can be positioned closer to the ground with the 4810 inductive probe. A Metrotech Sonde can be added to

trace the path of non-metallic pipe.



Peak Mode **Null Mode**

Visual and Audible line location methods

Bubble Level for accurate depth determination

Loudspeaker overrides background noise

Signalator Tone Interruption extends battery life from 200 to 500 hours

Easy to use, rugged design ensures functionality







Model 480 Receiver Technical Data		
Sensitivity	Low	44 microvolts p-p
(at loop for 50% meter deflection)	Medium	4 microvolts p-p
	High	.4 microvolts p-p
Battery Type	6 C Alkaline Cell batteries	
Battery Life	250 hours average	
Operation Temperature	-20° to $+50^{\circ}$ C (-4 $^{\circ}$ to $+120^{\circ}$ F)	
Dimensions	29.5cm W x 23cm H x 8cm D	
	(11.6 x 9 x	3)
Weight	1.9 kg (4.25 lbs.)	

Model 480 Transmitter Technical Data

100mW Average	
125mW Average	
83kHz modulated@385Hz	
6 C Alkaline Cell batteries	
400 hours average	
-20° to $+50^{\circ}$ C (-4° to $+120^{\circ}$ F)	
29.5cm W x 23cm H x 8cm D	
(11.6 x 9 x 3)	
1.6 kg (3.5 lbs.)	

Specifications subject to change without notice. Instrument is for use on metallic conductors only.



Purchasing

Metrotech's Model 480 comes standard with a Transmitter, Receiver, Conductive Attachment, Ground Rod and Plate, and Operating Manual.

Optional Accessories

 MetroClamp p/n 4820 (The 4820 MetroClamp is optimally tuned to be used with the 480)

 Inductive Probe p/n 4810 Carrying Handle p/n 200766 Carrying Case p/n 500C071 Headphones p/n 183045 Sonde p/n SON834

Warranty

One year warranty provided on all parts and labor.



Service Center, Ordering, and **Technical Support Information**

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