

TraceMaster II[®]

PIPE & CABLE LOCATOR

Find Pipe & Cable Easier and Faster



SCHONSTEDT 
INSTRUMENT COMPANY

Making Locating Easier Since 1953



SCHONSTEDT
MADE IN USA

Newly Enhanced Sensitivity
for tough to locate pipes and cables

When you need it, you **really** need it.

The TraceMaster II® is the professional's choice for locating pipe and cable, but you don't have to be a pro to use it. So even if you only have an occasional need to find pipe and cable underground, keep a **Schonstedt TraceMaster®** in your kit.

VERSATILE

Finds telephone , cable TV, and fiber optic lines, AC power lines, water and gas pipes

EASY TO USE

Simple operation: 2 buttons , 2 knobs. No transmitter settings required

RELIABLE AND TROUBLE FREE

Three year warranty (longest in the industry). No periodic calibration required, as with most pipe and cable locators.

FEATURES

- 4 Active frequencies: Low, Medium, High, and Extra High
- Monitor and Control the transmitter remotely from the receiver via RF link
- Passive detection of 50/60 Hz
- One button depth measurement
- Digital readout display of signal strength
- LCD displays left, right and "on-target" indications, as well as transmitter and receiver battery status
- 60-Hours operational life (intermittent usage)
- Lightweight, easy-to-use design
- **DSP** (Digital Signal Processing) which is easily upgraded as new features are developed
- 3-Year warranty

Before the TraceMaster®



With the TraceMaster®



No experience required...



- Single-handed operation
- 2 buttons, 2 knobs (too easy)
- Change frequencies from the receiver

...but it's the Pro's choice in pipe and cable locators.

4 MODELS FIT EVERY NEED

Features	TraceMaster II PF Passive Only	TraceMaster II SF Passive plus one selected frequency				TraceMaster II MF All frequencies, manual frequency selection	TraceMaster II AF All Frequency with RF Link Frequency Control
		575 Hz	8 kHz	82 kHz	455 kHz		
RF Link							•
Passive	•	•	•	•	•	•	•
575 Hz		•				•	•
8 kHz			•			•	•
82 kHz				•		•	•
455 kHz					•	•	•
Depth	•	•	•	•		•	•
Arrows	•	•	•	•		•	•
Clamp capable			•	•	•	•	•
Inductive capable				•	•	•	•
Circuit Monitor		•	•	•	•	•	•
Manual/Auto Gain	•	•	•	•	•	•	•

And best of all,
it's a **SCHONSTEDT**

#1 Around the World in Performance and Reliability.

Schonstedt's magnetic locators have been setting the standards for reliability and dependability for nearly half a century. Our locators are designed to withstand the rigors of daily on-site usage and a wide range of environmental conditions. The TraceMaster II® is backed with a 3-year warranty.

"The TraceMaster® really kicks butt over the competition..."

Jerry Storms
Director of Public Works
West Milford DPW



SPECIFICATIONS

RECEIVER

OPERATING VOLTAGE	12 V (8 "AA" alkaline batteries)
BATTERY LIFE	60 hours (alkaline batteries, intermittent use @ 70°F)
AUDIO OUTPUT	10 Hz - 3000 Hz determined by signal strength 0 - 70 db SPL (Sound Pressure Level), volume controlled
WEIGHT	(including batteries) 3.9 lb. (1.7 kg.)
OPERATING TEMP.	-4°F to 140°F (-20°C to 70°C)
OVERALL DIMENSIONS	29.5" L x 5.0" W x 2.2" D (75 cm L x 12.7 cm W x 5.6 cm D)
MAXIMUM DEPTH CAPABILITY	19' (7.5 m) at 575 Hz, 8 kHz, 82 kHz and Passive
SENSORS	Peak and Null (575 Hz, 8 kHz, 82 kHz and Passive) Peak only (455 kHz)

TRANSMITTER

OPERATING VOLTAGE	12 V (8 "D" alkaline batteries)
BATTERY LIFE	60 hours (alkaline batteries, intermittent use @ 70°F)
WEIGHT	(including batteries) 9.0 lb. (4.0 kg.)
OPERATING TEMP.	-4°F to 140°F (-20°C to 70°C)
OVERALL DIMENSIONS	13.0" W x 10.3" D x 6.0" H (33 cm W x 26.0 cm D x 15.0 cm H)
OPERATING FREQUENCIES	575 Hz, 8 kHz, 82 kHz and 455 kHz
OUTPUT POWER	(Conductive Mode) 1 W maximum at 82 kHz and 455 kHz (FCC limited) 2.5 W typical at 575 Hz and 8 kHz
OPERATING MODES	<i>Conductive:</i> All Frequencies <i>Optional Inductive Clamps:</i> 8 kHz, 82 kHz and 455 kHz <i>Inductive:</i> 82 kHz, and 455 kHz

COMMON

RF LINK FREQUENCY	ISM band (902 MHz to 928 MHz)
RF LINK RANGE	1000' line of sight or better (nominal)

(Specifications subject to change without notice)

Patents pending

STANDARD ACCESSORIES

Conductive Cable Assembly is used for applying the tracing signal directly to an exposed section of a cable, line or metal conduit for maximum tracing distance.

Custom Padded Receiver Carrying Case

The TraceMaster II[®] comes with a custom padded carrying case designed to withstand the rigors of field use. The transmitter case has a built-in storage compartment for cables, ground stake and inductive clamps.



MORE ACCESSORIES? See reverse

ACCESSORIES

make locating even easier and faster!



Conductive Extension Wire & Reel

Trouble establishing a good ground return path for your locate? Connect your transmitter return to the far end of the conductor you wish to locate, up to 200 feet away. This will give you a strong locating signal even in dry, sandy conditions. (Part # C91050)

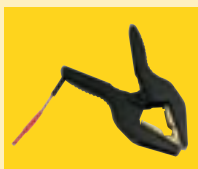


Conductive Clip Assembly

A standard accessory for the TraceMaster II®. Clips and wires are easily left behind or lost. Keep an extra set on hand. (Part # TM70000)



Clip with Black Connector Plug Part # TM70001-1



Clip with Red Connector Plug Part # TM70001-2

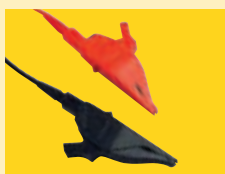


Small Heavy Duty Conductive Clip

When you don't need the large clip but you need something a little bigger than the standard clip. Our small heavy-duty clip works great for hard-to-hold-onto pipes and cables.

Clip with Black Connector Plug Part # TM70002-1

Clip with Red Connector Plug Part # TM70002-2

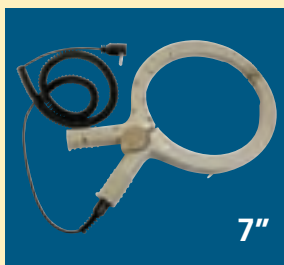


Standard Conductive Clip

Great in smaller, more congested areas. Small, but rugged and reliable for general locating requirements.

Black Standard Conductive Clip Part # C91010

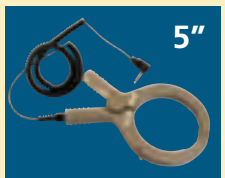
Red Standard Conductive Clip Part # C91011



Inductive Signal Clamps 3", 5" or 7"

Our 3" Inductive Signal Clamp is among the best in the business. Optimized for 82 kHz, it also works on 8 kHz to reduce bleed-over or ghosting and 455 kHz for jumping major gaskets.

For larger pipes and cables we offer a 5" and a 7" Inductive Clamp with performance similar to our 3" Clamp.



5"



3"

3" Clamp Part # TM60000

5" Clamp Part # TM60001

7" Clamp Part # TM60002

Transmitter Case Carrying Strap

With a carrying strap on the transmitter, you can free up a hand to carry your paint or tools.

Part # S00024



Ground Stake

A standard accessory for the TraceMaster II®. Keep extras on hand to replace stakes lost or left behind.

Part # 208263



Super Ground Stake

This stake has additional surface area for enhanced grounding, thus a stronger locating signal. It also incorporates an integral sliding hammer to aid in penetrating hard ground and asphalt.

Part # TM50000



TraceMaster II® Sondes*

The TM50910 is a watertight beacon designed to be threaded onto the end of a flex rod and routed through non-metallic or metallic pipes for the purpose of tracing its path or locating blockages. The beacon generates a 512 Hz signal, which can be located with the TraceMaster II® receiver. The estimated depth of the sonde can be read on the receiver. The sonde can navigate a 90 degree turn in a 3 inch pipe.



The TM-82KHZ is small (1 inch diameter) sonde operating at 82 kHz and designed to be attached to a pipe-cleaning snake for tracing non conductive pipe or conduit and locating blockages.

Sonde, 512 Hz Part # TM50910

Sonde 82 kHz Part # TM-82KHZ

AutoAdaptor*

Type LCH-2 Charger fits automobile cigarette charger sockets.

Part # TM45000



**TraceMaster II® must be factory fitted to operate with Sondes and/or Auto adaptor*

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IDEAL FOR ALL UTILITY COMPANIES • CONSTRUCTION & EXCAVATION • CATV AND TELECOMM

Our customer service department has been set up to ensure prompt response and 100% satisfaction. Our toll-free number is (888) 32-TRACE. You can expect personal attention, prompt delivery and answers to all your technical questions.

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