

24B | Station Master Pro™

PRODUCT DESCRIPTION:

Tempo continues its excellence in irrigation system troubleshooting with the introduction of the new Model 24B Station Master Pro. The upgraded Station Master Pro is a portable, battery-operated irrigation system diagnostic tester combining solenoid activation and wire identification. The easy-to-understand LEDs notify the technician if sufficient voltage is being supplied by the controller and the condition of the solenoid. The solenoid activation mode is used to activate valve solenoids either from the controller or at the valve, along with testing continuity of the solenoids. In chatter mode the Station Master Pro will turn the solenoid off and on about once per second to aid in locating the valve by ear. In addition, the Station Master has the added functionality of providing tone generation to identify wires which can be traced with any Tempo 200 Series inductive amplifier. The Model 24B operates on two 9 volt alkaline batteries and can safely hold open a working solenoid for hours. The test leads come equipped with premium "bed-of-nails" and piercing pin bent nose clips for use on insulated wires, allowing the technician to connect the unit without cutting or stripping the wires. The unit is housed in a high impact ABS plastic case designed to withstand the rigors of daily use in the field.



FEATURES:

- Troubleshoot irrigation systems.
- Chatter mode for audible locating of valves.
- Activate any 24V AC valve solenoid.
- Test solenoids for continuity.
- Send tone to identify wires.
- Check clock AC voltage.
- Low battery indication.
- Easy-to-understand LEDs.
- Test leads with "bed-of-nails" and piercing pin plips.
- Tracing valve wiring.
- Locates underground solenoids.

BENEFITS:

- Valve solenoid testing independent of the controller.
- No wire stripping required.
- Durable construction for outdoor use.
- Uses inexpensive batteries.
- Sends strong tracing tone.
- Can activate any 24V AC solenoid.
- Available as a kit (24BK) with a tone tracing probe.

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SPECIFICATIONS

Electrical:

Minimum voltage for clock LED:	15 V AC (LED intensity increases as voltage increases)
Minimum battery while testing:	10.5 V DC
Maximum input voltage between test leads:	28 V AC
Maximum distance range to activate one solenoid: (depending on battery condition)	12 AWG Loop 3000-13000 ft. 14 AWG Loop 2000-8500 ft. 18 AWG Loop 500-3000 ft.
Solenoid activate output voltage:	27 to 18 V AC

Power Source:

Battery:	2 - 9V Alkaline batteries
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Environment:

Operating/storage temperature:	32°F to 122°F (0°C to 50°C)
Relative humidity (max):	80%

Physical:

Length:	5.56 in. (141mm)
Width:	2.34 in. (59.5mm)
Depth:	1.0 in. (25.5mm)
Weight:	0.6 lbs. (0.27kg)

Warranty:

One Year

ORDERING INFORMATION

Model	UPC	Description
24B	86786	Station Master Pro Irrigation System Troubleshooter
24BK	86787	Station Master Pro Kit