

PRODUCT DESCRIPTION

Distributed by:
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The Pro50 Digital Irrigation System Tester is a complete tool for testing multi-wire electrically-controlled irrigation systems - verifying controller functions, wiring continuity and valve solenoid operation. It is designed for users who may need to test both conventional AC systems and DC (9-volt battery) operated systems. In the AC mode, the tester measures and activates valve circuits using 24 volts, while in the DC mode the tester uses the same signals as popular 9-volt battery operated controllers to activate DC latching solenoids. The Pro50 will "chatter" valves in both modes.

It includes a built-in auto-ranging multimeter that will read voltage up to 40 volts and resistance up to 40 kilohms. The standard electrical test leads are interchangeable with the test leads from your other meters if you want to probe terminals and wires instead of clipping on with the alligators.

SPECIFICATIONS

AC Solenoid Operation	24 volts AC
DC Latching Solenoid Operation	+9 volt DC and -9 volt DC pulses 40 milliseconds
Line Condition Check	Good, Open, Short
Test Range	3,000 feet (1 km) over 18 ga (1 mm) cable
Built-in Multimeter Tests	AC or DC to 40 volts, auto-ranging Electrical resistance from 0 to 40 kilohms, auto-ranging
Tracing Tone Output	1 kHz
Display	0.5 x 2 inches (12 x 50 mm) LCD
Power	4 x AA batteries, alkaline 6LR6 (not included) Battery saving Timeout - 30 minutes
Voltage Protection	120 volts AC
Operating Conditions	+32 to +120 degrees F (0 to +50 degrees C)
Unit Size	7 x 3 x 1.5 inches (175 x 80 x 35 mm)
Weight including test leads	8.5 ounces (240 g) without batteries, 12 ounces (320 g) with batteries
Test Leads	24 inches (600 mm) long, Universal 4 mm safety plugs at both ends with one set of large red/black insulated alligator clips (Category IV, 600 volts)

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