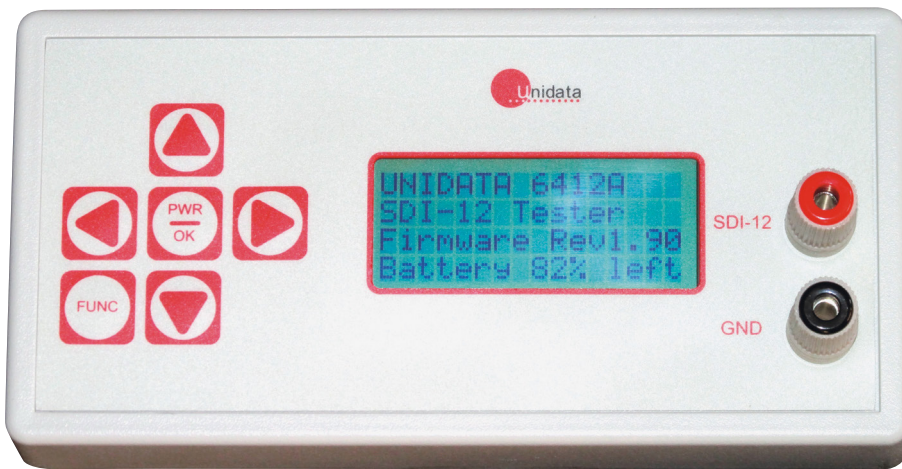


6412

SDI-12 TESTER



MODEL A



The 6412 SDI-12 Tester is a portable unit which simplifies the set up and fault finding of SDI-12 sensors in the field and on the laboratory bench. It allows sending a variety of commands enabling sensors to be configured and read.

The 6412 also enables monitoring communications between a logger and sensors(s) on an SDI-12 bus.

It comes with PP3 9V alkaline battery, which should be removed prior to long periods of storage to prevent damage from leaking flat batteries.

FUNCTIONS

MONITOR BUS	The instrument passively monitors any commands or data on the SDI-12 data bus and displays it to the LCD.
QUERY ADDRESS	Interrogates a sensor to acquire its address.
ACKNOWLEDGE ACTIVE	Interrogates a sensor to ascertain its active status & address.
CHANGE ADDRESS	Assigns a new address to a sensor.
SEND IDENTIFICATION	Interrogates a sensor and reads its identification data.
START MEASUREMENT	Commands a sensor to commence a measurement cycle.
SEND DATA	Commands a sensor to return measurement data.
SEND EXTENDED COMMAND	Sends extended and custom commands to a sensor.
CYCLICAL MEASURE & SEND DATA	Repeatedly instructs a sensor to measure and return data. This is useful for checking and calibrating sensors.

SPECIFICATIONS

PHYSICAL SPECIFICATIONS	
MATERIAL:	ABS IP61 Sealed fire retardant enclosure
SIZE:	170mm x 80mm x 30mm (LxWxH)
WEIGHT:	250grams
OPERATING TEMPERATURE:	5°C to 55°C. Not affected by humidity
BATTERY:	PP3 9V Alkaline
BATTERY LIFE:	Up to 120h continuous usage