

FIELD ACQUISITION DATA

Description

The field acquisition data is a device characterized by extreme compatibility and versatility of use. The instrumentation is equipped with a large touch-screen monitor and is able to perform data acquisitions from different types of measurement sensors (displacement transducers, pressure transducers, inclination sensors, environmental sensors, groundwater meters, etc.) . It is possible to use the instrumentation to carry out all the types of tests on site where it is necessary to verify, record and store the data as they are acquired. The data is stored in the internal memory and can be easily transferred to a USB stick. The settings for the various ones show that they are already set in the factory and therefore no PC or programming software is required. The high technological content and low cost make this buyer the ideal solution for the most diversified monitoring and data acquisition applications.

Application

- Data acquisition for load tests on floors, beams, pile, etc.
- Data acquisition for tests with flat jack, plate load tests, load tests on tie rods, etc.
- Data acquisition for pumping tests, laboratory tests, etc.



Features

- Compatible with the main analog sensors on the market
- Large touch-screen monitor Easy to use
- Extremely accurate and precise measurements
- Power supply with internal battery
- Readings, graphs and data storage directly in engineering units

Technical Features

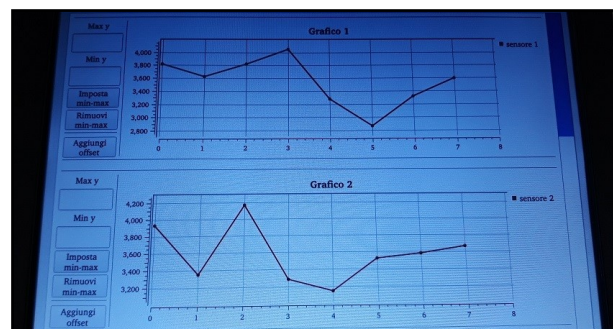
Input	0-5 Volt, 0-10 Volt, 0-20 mA, 4-20 mA (as request vibrating wire, mV/V, ohm)
Number of entries	18
A/D Converter	24 bit
Sampling frequency	> 1 Hz
Power	rechargeable lead battery 18 Ah
Monitor	12" resistive touch-screen
Total accuracy	+/- 0,01 %FS
Memory capacity	100.000 data
Autonomy	about 6 hours of continuous operation (with standard battery)
Case	IP67 polypropylene case
Dimensions	460 x 360 x 180 mm
Operating temperature	-20.....+80 °C
Sensor input connectors	M12 - 4 poles with IP67 protective cap
Weight	10 Kg (with standard battery)

Accessories and spare parts

- Sensors for several tests
- Extended battery

Please specify

CODE	PRODUCT DESCRIPTION
UAC-100	Field acquisition data
UAC-610	Displacement sensor, FS 50 mm
UAC-620	Pressure sensor, FS 600 bar
UAC-650	Flow sensor, range 2-150 l / min
UAC-710	Displacement sensor for flat jack tests, FS 50mm
UAC-720	Pressure sensor for flat jack test, FS 600 bar
UAC-810	Tiltmeter, FS +/- 10 °, complete with accessories



For further information:

Gestecno s.r.l.

Loc. Lanciano, 22 - 62022 Castelraimondo (MC) - Italy
Tel/fax: (+39) 0737.642174 - P. IVA 01137480438
e-mail: info@gestecno.it - WEB: www.gestecno.it