

## DATA SHEET

# DIGIMAX TOUCH Screen Readout and Data Acquisition Unit for CBR, Marshall, Indirect Tensile and Universal Tests



82-P60R12 Digimax unit, front panel

## General description

Based on the latest electronics technologies this modern readout unit offers advanced performances and outstanding electronics features. Effective resolution, sampling rate, accuracy and stability of the readings, touch screen sensitivity and reaction time, network connectability, calibration functions, are remarkable.

Our long experience and tradition in the production and design of testing systems and in particular digital units made possible an extraordinary optimization of the user interface and working procedures resulting in faster and easier use always combined with Class 1 accuracy and total reliability.

## Main features

- Large size **touch screen** display
- Very **easy** to use menus with intuitive selections, self-explanatory icons, optimized test procedures
- PC connection via **LAN port** allowing broader band, better stability and longer distance compared to the RS232 serial communication
- **Advanced calibration menus** with linearization functions, driven procedures, safe storage
- **Unlimited data storage** on USB pen drives

## Specifications

**Data download:** Ethernet port, RS232 port or USB pendrive

**Memory:** 16GB internal memory

**Number of channels:** 6 (N°2 Load Channels, N°4 Displacement Channels)

**Channel resolution:** 24 bit

**Sampling frequency:** up to 100Hz

**Remote control** from PC by using optional software

**Software code:** SW/BMD

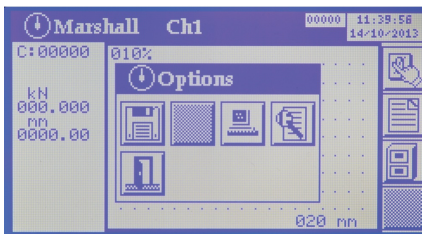
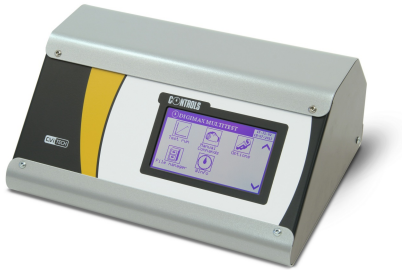
**Voltage:** 220-240V AC 110VAC

**Frequency:** 50-60 Hz 60 Hz

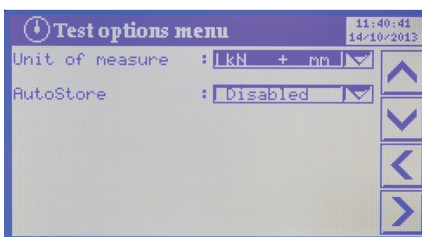
**Net Weight:** 5 Kg

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Overall dimensions: 300 X 250 X 150(H) mm



Digimax: test settings (CBR)



Digimax test options

## Products

### 82-P60R02

DIGIMAX - Four channel readout and processing unit for load and displacement sensors, up to two channels can be used contemporaneously. Suitable for Marshall, CBR and general purpose test. 110-240V, 50-60Hz, 1 ph.

## Accessories and consumables

### 70-SW/CMS

PC software for Marshall, CBR, Indirect Tensile and universal test. When used with 34-V117X, 70-T108X, T118X and T119X, also suitable

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for SCB (to EN 12697-44, ASTM D8044 and AASHTO TP124), IDEAL-CT and Leutner SBT tests.