

PragmaPro Instrument Platform



Cutting Edge Technology
Intuitive User Interface
Upgradeable Design

- Modular Design with Cartridge
- 1 GHz Quad-Core Processor
- Graphics Acceleration
- Robust Aluminium Body
- Fanless Design for IP66
- Heavy-Duty Connectors
- USB, SD, HDMI, Gigabit Ethernet
- Dirt-proof Silicone Membrane
- Tactile Pushbuttons
- Visible Alarms
- QuickFlow™ Control
- Direct Parameter Control using Scrollwheels
- Capacitive Multi-Touchscreen
- Scratchproof Glass
- Vivid Colors and Sunlight-Readable
- Hot-swap Battery Operation

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Computer System:

Processor	ARM 1 GHz Quad-Core
RAM	2 GBytes, DDR3
On-Board Storage	16 GBytes
USB Ports	2x USB 2.0 + 2x USB 2.0 (in sealed compartment) Storage of up to 128 GBytes on memsticks
SD Port	1x SDHC (in sealed compartment) Storage of up to 128 GBytes on cards
Data File Size	Max 4 GBytes per file
Video Output	HDMI
Network	Ethernet 10/100/1000 (GigE)
Audio Output	2.5mm (1/8 in) stereo mini-jack
WiFi	802.11b/g/n/ac (via USB in sealed compartment)



The UNITOP silicone keypad provides a nice tactile feedback and will prevent dirt adherence, on a wide temperature range. The protective glass is scratchproof.

Keypad:

Type	Integral "UNITOP" silicone rubber membrane
Keys	20 tactile feedback keys
Scrollwheels	1x Side Wheel 1x QuickFlow™ Wheel 6x Mini-Wheels
Alarm LEDs	4x LED bars, user-defined colors
Status LEDs	2x Battery status 1x DC input 1x Power ON/OFF



The multi-touchscreen and the 8 scrollwheels allow a very intuitive navigation and control of the instrument.

Display:

Display Size	23 cm (9.0 in.) diagonal
Resolution	1280 x 768
Brightness	800 cd/m ²
Number of Colors	16.7 millions
Type	TFT LCD with LED backlight
Touchscreen	Active PCAP, multi-touch
Protection	Thick scratchproof glass (CEG)



The PragmaPro is modular and ready to support several cartridges for UT, PAUT, ECT and other advanced NDT methods.

Power Supply:

Battery Type	Li-Ion 14.4V
Number of Batteries	2 slots, hot-swappable
Battery Life	Up to 12 hours with 2 batteries
Power Pack	AC/DC 24 VDC, max. 96 Watts

Environmental:

Dimensions & Weight	305 x 232 x 100 mm (WxHxT) (12.0 x 9.1 x 3.9 in.) 4.0 kg (8.8 lbs)
Operating Temperature	-10 to +45 C (-14 to 113 F) typical
Storage Temperature	-20 to +70 C (-4 to 158 F)
Relative Humidity	0 to 90% noncondensing Designed for IP66 and MIL-STD-810G 507.5
Rain and Sand Proofness	Designed for IP66 and MIL-STD-810G 506.5/510.5
Shockproof Rating	Designed for MIL-STD-810G 516.6



The QuickFlow™ button and scrollwheels allow the user to quickly access the relevant parameters, just like on vintage flaw detectors.