INTRODUCING THE NEW PRAGMAPOD PLATFORM

MODULAR NDT INSTRUMENT PLATFORM
FOR SCANNER-MOUNTED APPLICATIONS

PRAGMA

NDT
IN BLACK AND WHITE

ONE CARTRIDGE PER TECHNOLOGY:

UT	*Standard flaw detection and C-scanning*
TOFD	*B-scan imaging with encoder for improved sizing accuracy*
PAUT	*Linear and Sector scan imaging for improved speed and POD*
EMAT	*Pulse-Echo, Guided Waves and High-Temperature without the need for couplant*
ECT	*Surface inspection with multi-frequency and multi-channel solutions for tube, pencil and rotary probes*

Ideally suited for inspection companies, consultants and training schools.

PRAGMAPOD PLATFORM

STURDY

The small form factor and the rugged, fanless aluminum frame make it perfect for industrial use. It is lightweight so it can be mounted directly on most industrial scanner heads, thanks to the VESA anchor at the back.

IDEAL SOLUTION

PragmaPod allows transducer cable(s) to be as short as possible for an increased signal-to-noise ratio and immunity to ambiant noise. The unit can be remotely-controlled through an Ethernet connection up to 100 meters (300 ft) away.

EASY UPGRADE

Both the platform and cartridge can be upgraded remotely on the field (software and firmware).

USER INTERFACE

Display Type	Remote or VGA
Alarms	Four(4) visual alarms, including platform status
Sound	One (1) loud buzzer
Inputs	Eight (8) isolated inputs 3.3 or 5V
Outputs	Eight (8) isolated outputs 5V
	Buffered I^2C Bus 5V
	5V 250mA fused for accessories
Button	Power On/Off

CONNECTORS

Power	DC in, 24V, 3.75A
Ethernet	Ethernet 10/100, RJ-45
USB	Type A (Host or Client)
Video	VGA Output 1024x768, HD-15
Input connector	Twist-Lock 12 pins
Output connector	Twist-Lock 12 pins

MEDIA

USB	USB High-speed 480 Mbps, supports mouse, keyboard, memstick, external disk, hubs. Can also expose the unit as a « New Drive » in Windows.
SD Card	SDHC, max. 32 GB
Flash	Internal Flash 1 GByte
RAM Drive	Internal DDR2 RAM 512 MByte

GENERAL

Dimensions	182 x 223 x 68 mm (7.2 x 8.8 x 2.7 in.)
Weight	2.5 kg (5.4 lbs.) including PAUT 16/128 cartridge
IP Rating	Designed to meet IP64
Construction	Sturdy aluminum frame
Operating Temperature	-10 to 40°C (14 to 104 F)
Storage Temperature	-20 to 60°C (-4 to 140 F)

Top view

On the front side: shown with PAUT 16/128 phased array cartridge.

PRAGMA

NDT
IN BLACK AND WHITE