

Contrôle

Mesure

Systèmes



NDTS India (P) Limited

619 & 620 The Great Eastern Galleria

Plot No. 20, Sector 4, Nerul, Navi Mumbai - 400 706

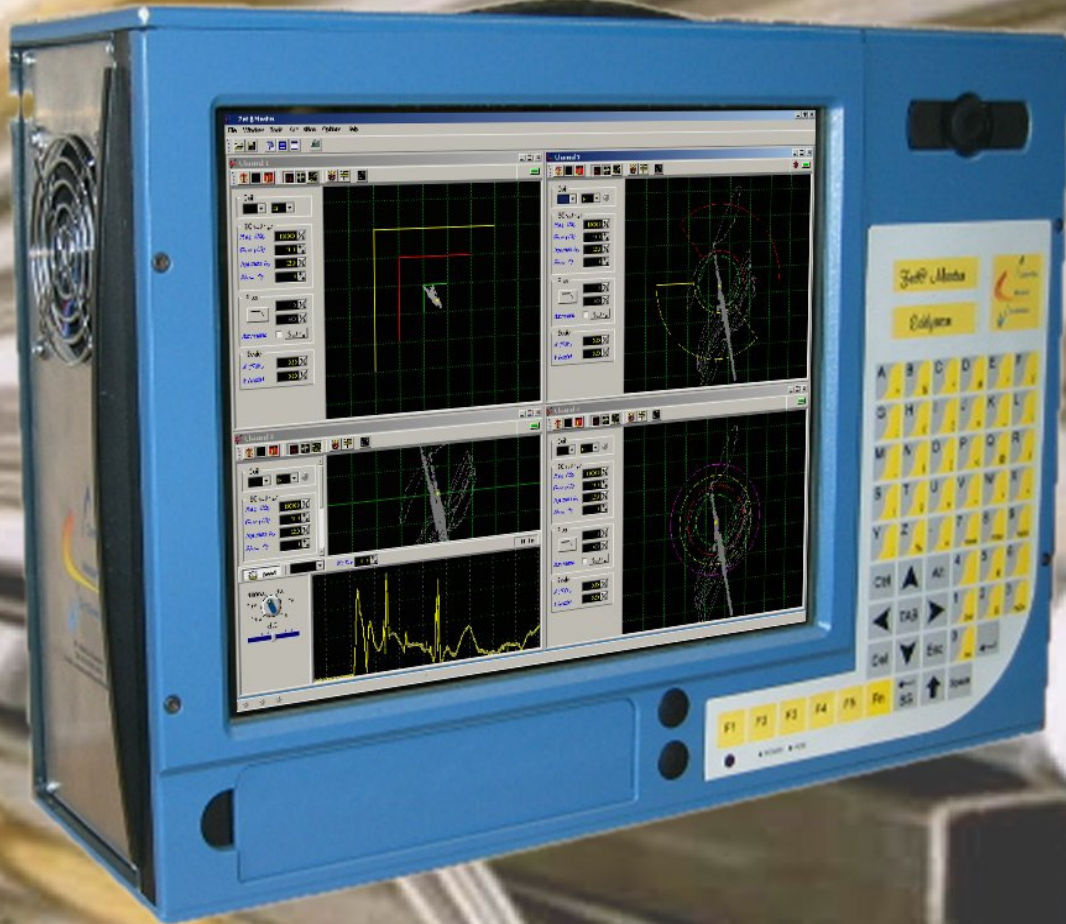
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Eddyscan

Zet@Master



A NEW SYSTEM FOR FLAW DETECTION BY EDDY CURRENT

INNOVATION

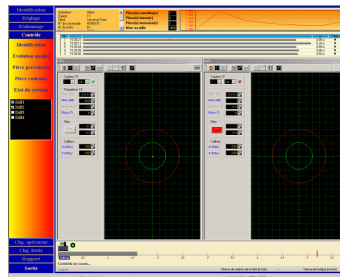
HIGH TECHNOLOGY

SELF SUFFICIENT

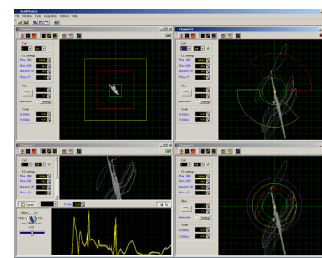
Eddy current testing with latest digital electronic technology for automatic, high resolution on-line or off-line flaw detection of wires, bars, automotive parts, tubes made of austenitic, ferrous and non ferrous steel metal

Real time display of the process and comprehensive localisation of the flaw detected. Network connectivity, enabling remote assistance from an external site.

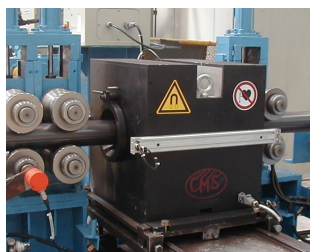
Universal testing system, reliable for all applications and normative requirements (ASTM, API, DIN, SEP...)



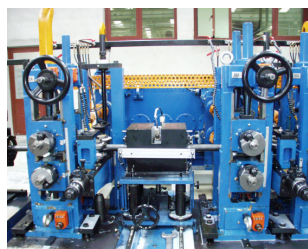
Production screen



Setting screen



Magnetizing unit for off line inspection



Rotating system inspection



On line inspection of ERW tubes

<u>General</u>	
Microsoft Windows XP PRO environment	Gain : up to 70dB, by step of 0.5dB
Stand alone device, keyboard and mouse in front panel	Phase : 0 to 360°, by step of 1Hz
Remote assistance from CMS headquarters	Output current : up to 250 mA
USB 2.0 port for peripheral devices	Continuous filters : high pass, low pass, band pass with adjustable severity & auto filtering, Range : 1Hz to 4KHz, by step of 1 Hz
12" colors TFT screen	High precision balancing, manual or automatic
Height x Width x Depth: 442.5 x 290 x 170 mm	Up to 8 circular, rectangular and/or annular alarms by channel
Weight: 8Kg	5 digital input
Wide power supply range : 100-240VAC – 50/60Hz	12 digital outputs
<u>Eddy current operations</u>	
Display : Lissajou and/or Time base	8 analog outputs
Up to 16 channels, absolute and / or differential mode	3 encoders input
Probe connexion mode : bridge / transformer	Sample frequency : up to 200KHz
Frequency range : 10Hz to 10MHz, with 1Hz tuning resolution	Very high level of accuracy for setting
Injection voltage : 0.1V to 40V, with 0.1V tuning resolution	Sensor's auto check
	Plug&Play, jumper less