

LID-0004655 - Technofour Eddy Current Test System For Non Destructive Inspection Of Metal Tubes And Wires

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Category: **Metal Processing and Machine Tool**

Location: **National Capital Territory of Delhi, India**



Specifications

Quantity Available : 1

Overview

Category : Metal Processing and Machine Tool

Sub-Category : Testing and Quality

Manufacturer : Technofour

Year : 2013

Condition : Like New

Status : Decommissioned

Description

Buy used **Technofour Eddy Current Test System for Non Destructive Inspection of Metal Tubes and Wires**. After purchase it was never used and it is still in its original packaging.

Machine is manufactured by TECHNOFOUR

Test Configurations:

-Online, Inline, Offline or Continuous

Test Frequency:

-1 KHz to 1000 KHz

-Optional extended range up to 4 MHz

Eddy Current Channels:

-One differential is standard

-An additional absolute channel is **optional**

Signal Gain:

-20 dB to 80 dB in 0.1 dB steps

(differential)

-20 dB to 60 dB in 0.5 dB steps (absolute)

Phase:

-0 to 359 in steps (differential)

Evaluation modes:

For differential:

-Phase sensitive

-Phase + Amplitude (Sector)

-Amplitude

For Absolute:

-Amplitude

Thresholds:

-Two independent amplitude thresholds
and Two independent sector thresholds
(differential)

-One amplitude threshold for absolute

Filters:

-High- pass 1 Hz.250 Hz

-Low- pass 2 Hz.500 Hz

-Filters can auto-track in Online-

configuration

Balance:

-Differential channel does not need

balancing

-Absolute channel has smart auto-

balance

Setup:

-Manual or visual at user-selected

frequency

Parameter storage:

-Up to 100 sets can be stored and

Recalled

Alarms:

-Internal beeper. Output for external

Alarms

-"Lamps" on screen

-Paint Marker outputs (opto-isolated TTL)

Display:

-Real time vector display with thresholds

As well as real time y-t (strip-chart)

Display (differential)

-"bar-graph" display for absolute signals

Printing:

-PCL- 3 compatible inkjet/laser parallel

User Interface:

-Graphical User Interface on VGA monitor

With keyboard for input

Tube sizes that can be tested:

-1 mm to 180 mm dia OD with Encircling

Test head

-100 mm to 520 mm with Segment Test

head

Mechanical Handling Systems are also

available