

Exclusive Representative
For Equipment used on
Eitel Straightening Presses
for:



CiS.01
Crack Detection System
for Real Time NDT



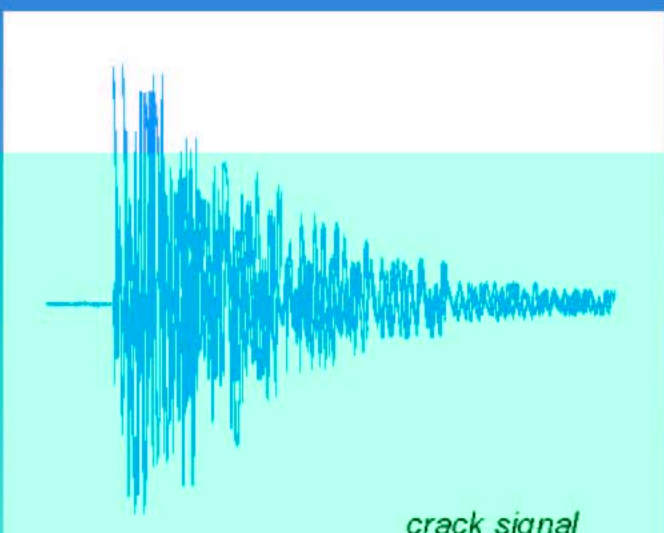
Introduction

The QASS.net CiS.01 crack detection system has been designed to automatically monitor your shaft forming processes for cracking and breaking of work pieces. This NDT process is done in real time so that if the CiS.01 detects a crack or a break the part is immediately identified and removed. This advanced system reduces the possibility of a potentially cracked part from being utilized in the final product.

Initially developed for monitoring shaft-straightening processes, the CiS.01 can be adapted for other metal forming operations. If you need to monitor your products for cracks from bending processes the QASS.net CiS.01 may be your the solution to your problem.

Evaluation & Communication

- *Optimized Electronic Analog Evaluation*
- *Suppression of Production Related Noise*
- *Selective Frequency Analysis*
- *Different Analysis of Cracks and Breaks*
- *Serial and Ethernet Capabilities*
- *TCPIIP Ready*
- *Available Software to Analyze Data*



crack signal

CiS.01 Crack Detection System for Real Time NDT

Sensor

- Robust Design for Work Floor Environments
- Conduct Full Self Test of Sensor, Coupling, Cable, and Circuit after Each Cycle
- Designed for Easy Mounting

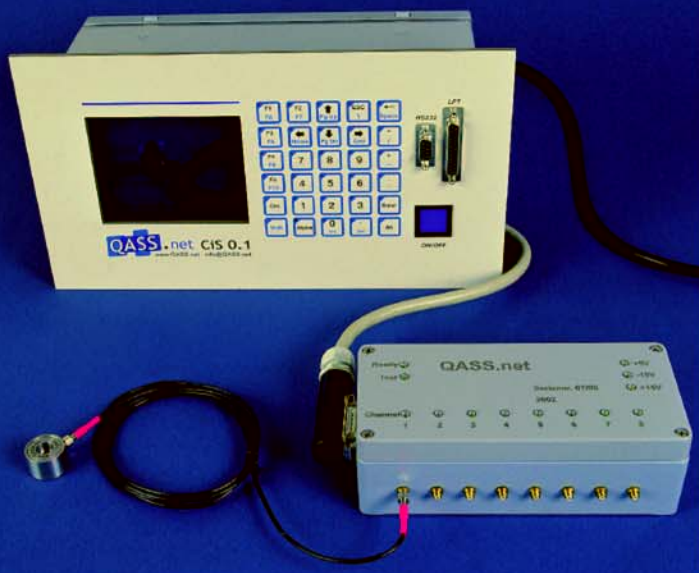


Preamplifier

- Designed for up to 8 Independent Sensors
- External Mount
- Compact Design (175mm wide, 80mm depth, 60mm height)

Main Controller

- Flexible Mounting
(13" & 19" Rack Mount, 3 & 4 Height)
- NEMA Rated
- 110 V Supply
- Main Transformer 90-260V, 47-400Hz
- Designed for Easy Service
- Compact Design for Manual Presses
- Complete Statistical Functions for
Process & Quality Management



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