



TC Testing Systems

Ultrasonic Testing

Datasheet

021-2015

Technical Data:

Test length: Up to 8000 mm

Range: Ø88–Ø457 mm

Cycle time: 1–3 min (100%)

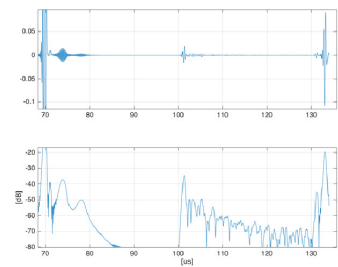
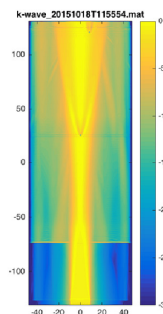
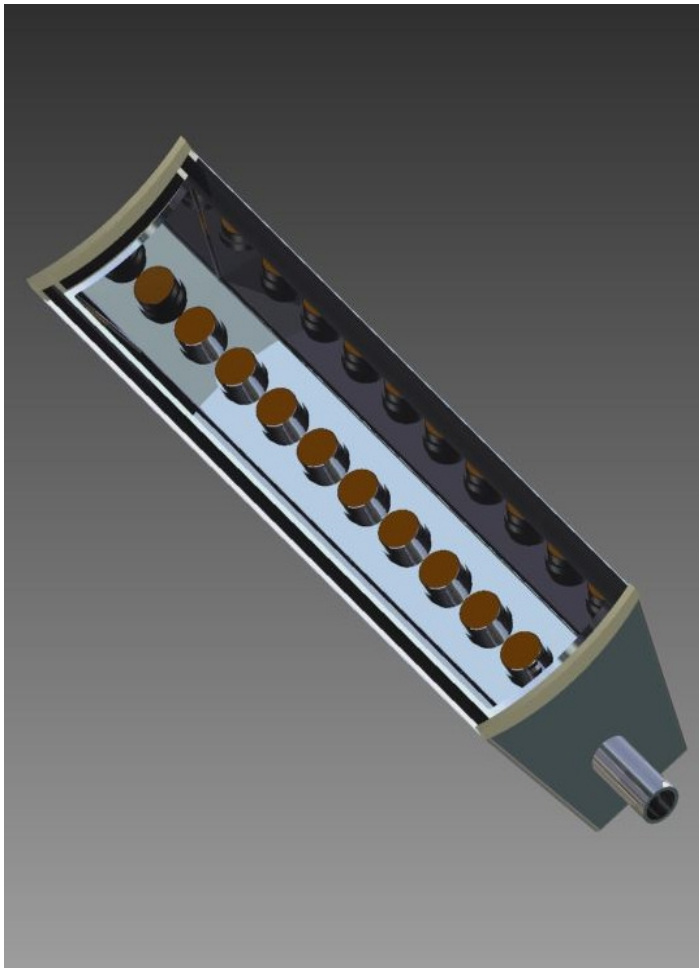
Cycle time : 15 sec. (centre)

TC supplies state of the art system for centre crack or 100 % ultrasonic testing of aluminium extrusion billets. The system is a “simulated” submerged system. This means that the part of the billet tested is submerged in water.

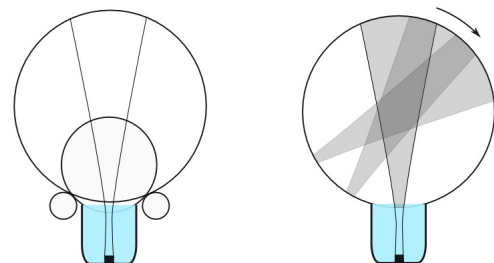
This system gives a stable environment for testing excluding possible errors due to missing water contact, bubbles or surface imperfections.

The system is based upon the latest available hardware and custom made software for data processing.

The system is designed with sensor clusters giving safe and efficient testing at high speed. For centre crack testing speed may be up to 500 mm/sec., while 100 % testing will require more than 1.5 min for 7.5 m length. Test cycle increases by increased billet diameter.



Ultrasonic Inspection Station



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