



STRINGBUDDY SCANNER



As materials, equipment, and structures are being optimised for ever-smaller safety factors and require ever-longer life, NDT capabilities need to find ever-smaller defects.

Smaller defects need better inspection techniques and better representation of the captured data. Instead of statistical measurements, a complete scan of the component under inspection is required. This usually requires data to be captured at all positions, ensuring a 100% inspection.

Inspections requiring such coverage usually use expensive robots, crawlers, or manipulators. In the case of site work or rope access work, such large equipment is costly, impractical, and time-consuming to set up.

Instead of using mechanised systems, ScanBuddy now offers the StringBuddy.

This encoder is very portable, consisting of a two-meter wire encoder. Therefore, the system can be easily transported by hand luggage and maneuvered during inspections.

The StringBuddy is connected to your existing NDT equipment, such as a phased array set, UT set, eddy current set or any equipment that can be used with encoders.

The encoders are then simply clamped onto the component under inspection using magnetic feet or suction cups (optional).

The probe used for the inspection is then calibrated and connected to the end of the wire encoders.

The NDT equipment then receives the position feedback as if it were connected to the encoders, thus simulating a robot, manipulator, or crawler. Data is captured in one-line scans.

The product comes with a 1-year limited warranty on manufacturing faults.

KEY BENEFITS

- One-Man operation
- Quick setup with magnetic feet
- 2m Wire length
- Can be used to scan surfaces of up to 1m² at a time
- Resolution down to 0.1mm
- Encoder connection via HD 15 D-Type connector with adaptor cable to most equipment. Adaptor cable at a additional cost.

Product might differ from images in this brochure.



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