



NOZZLE BUDDY SCANNER

The ScanBuddy[®] three axis nozzle scanner is designed to take the frustration out of nozzle scanning. The scanner is highly capable to customers needs, and can be adjusted to suit a multitude of probes.

Our scanner is made with the highest quality components, CNC machined and assembled in house. Nearly all spare components are kept in stock, giving service and repair very quick turn around times.

Streamlined processes and productivity and in house manufacturing of most components ensure that we can deliver a high quality product, at a very competitive price.

Most ultrasonic and eddy-current machines are compatible with our system. The only requirement is a 3 axis encoder input. The scanner has a HD 15 pin D-type connector for its encoder output and can be connected to most machines with an adaptor cable. Adaptor cables available at an additional cost.

The scanner is equipped with a spring loaded probe holder with varying spring tension adjustment, running on stainless steel linear bearing. This ensures smooth and accurate movement. The probe holder can be adjusted to suite the nozzle type. They can also tilt to give the optimum perpendicular down force to

the probe. Adjustable probe width makes fitting probes quick and easy. Probe holders can adjust to accept most standard ultrasonic and phased-array probes and wedges. Only basic tools needed for any adjustments.

Three axis represent Circumferential Axis, Squint Axis and Probe Offset Axis.

Powerful neodymium magnetic wheels ensure secure attachment to ferritic test surfaces. Additionally a belt attachment system can be used for non-ferritic nozzles, where the design of the belt allows complete revolutions without obstructions. Can be installed and used by a single operator.

Product comes with a 1 year limited warranty on manufacturing faults.

TECHNICAL SPECS

Maximum over all size:	400mmx160mmx250mm
Total scanner weight:	2.8Kg
Wheel size:	59mm diameter
Encoder type:	Magnetic All Axis
Encoder pulses:	4096 ppr All Axis
Probe vertical movement:	80mm
Min probe with:	21mm
Max probe with:	43mm
Min scanning diameter:	50mm
Max scanning diameter:	Flat surface

Product might differ from images in this brochure.



Call +64 27 367 4916



Email: info@scanbuddy.co.nz



www.scanbuddy.com