



# NEWALL

## NP100 Touch Probe

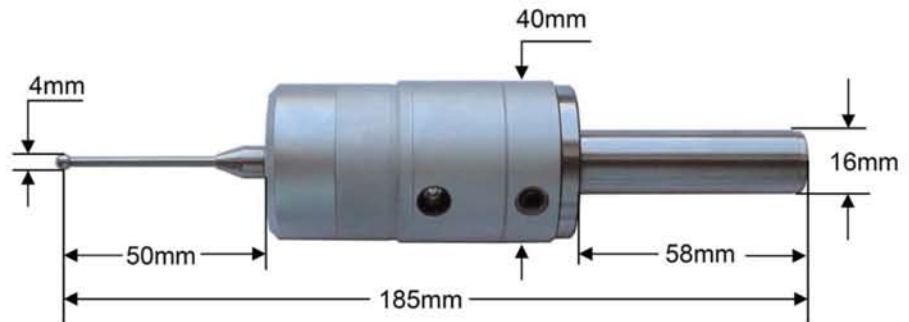
The NP100 Touch Probe allows you to make full use of the features in Newall's DP900 DRO. It reduces set up time and allows you to perform many geometric measurements, such as:

- Identify part location and datum
- Internal and external diameter and center
- Angles and part skew
- Step height and depth

The NP100 can also be used for a variety of probing applications including digitizing 3D objects for CNC and Coordinate Measuring Machines.

### Features

- Repeatability to  $2\mu\text{m}$  (0.000008")
- Five axes of movement (X+, X-, Y+, Y-, Z+)
- Detachable 1.5 meter lead
- Two bright LEDs that provide visual indication of contact.
- Concentricity adjustment ensures long life
- Replaceable stylus
- Generous overtravel



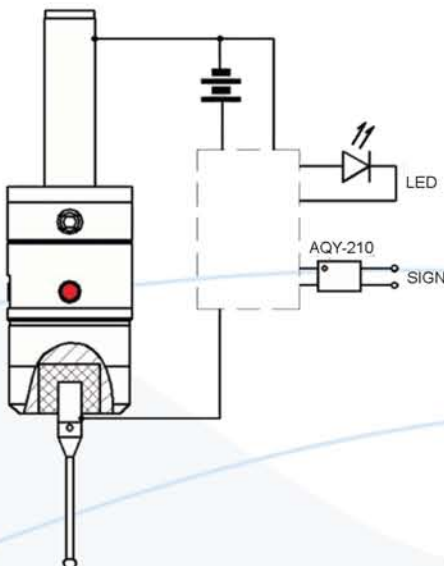
### Specifications

Type	Close Contact Switch
Stylus Diameter	4mm (0.16")
Stylus Repeatability	$2\mu\text{m}$ (0.00008")
Overtravel X	15mm (0.59")
Overtravel Y	15mm (0.59")
Overtravel Z	4mm (0.16")
Concentricity	$\pm 5\mu\text{m}$ ( $\pm 0.0002$ ")
Connector	3.5mm Audio (mono)
Manual Indication	LED
Batteries	2x IEC No. LR1 1.5V

### Includes

Lead	1.5m Mono Audio
Batteries	2x IEC No. LR1 1.5V
Tools	Stylus Removal
	Concentricity Adjustment

Note: The NP100 Touch Probe functions with conductive material only.



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