

P1-5A

P1-5A Touch Trigger Probe



The P1-5A is a 5-axis touch trigger probe for most CMM applications. Its small size combined with its rugged construction allow for a variety of probing applications on most any manual or DCC Coordinate Measuring Machine. The P1-5A can be used in any probe body equipped with an M8 threaded probe receptacle.



Specifications

Axes:	5-axis: $\pm X$, $\pm Y$, $+Z$
Repeatability:	0.5 μ m
Stylus Force:	9 grams
Over Travel:	XY $\pm 15^\circ$ Z +5.0mm

Body Mount:	M8 Thread
Stylus Mount:	M2 Thread
Output:	RTTP Compatible

OD: 20mm, Length: 22mm
(Stylus shown not included)

P/N 54-770-770: \$1250.00

P1-5BS

P1-5BS Touch Trigger Probe with Body & Shank



Exhibiting the same features as the P1-5A, including small size and rugged construction. The P1-5BS is an integrated probe body and shank which makes it a low cost unit, ready for use on most Coordinate Measuring Machines.



Specifications

Axes:	5-axis: $\pm X$, $\pm Y$, $+Z$
Repeatability:	0.5 μ m
Stylus Force:	9 grams
Over Travel:	XY $\pm 15^\circ$ Z +5.0mm

Shank:	3/8", 14mm, 20mm, Special
Stylus:	M2 Threaded
Probe Status:	3 Green LED
Output:	RTTP Compatible
Connector:	5 Pin DIN

P/N 54-770-720	20mm Shank	\$1450.00
P/N 54-770-714	14mm Shank	\$1495.00
P/N 54-770-738	3/8" Shank	\$1495.00

OD: 20mm
Length: 42mm
(Stylus shown not included)

PB-1 Three LED Probe Body with Swivel Shank



Providing a sturdy mount for our P1-51 or any M8 touch trigger probe. It features 3 LED's spaced 120° apart which allow trigger hits to be easily assessed from any angle. The shank can be swiveled 180° to allow for easy positioning. The PB1 will also accept any length M8 threaded probe extensions

Specifications

Probe Status:	3 LEDS - 120° spacing
Probe Mount:	Internal M8 for TTP
Swivel Shank:	3/8", 14mm, Special
Output:	RTTP Compatible
Connector:	5-Pin DIN

P/N 54-770-014

PB-1 Body 14mm Shank

\$595.00

P/N 54-770-038

PB-1 Body 3/8" Shank

\$595.00

PB-MIL Indexable Probe Body



The PB-MI is a manually indexable probe body that allows 168 positions and eliminates the need to requalify the probe styli. It can be used with our P1-5A touch trigger probe, or any M8 threaded touch trigger probe. Colored increments and a magnifying window clearly indicate current probe position.

Specifications

Z—Axis:	0—90° in 15° increments
XY—Axis:	360° in 15° increments
Repeatability:	±1.0µm @ 2 sigma
Probe Status:	1 Green LED
Shank:	3/8", 14mm, Special
Probe:	P1-5A or any M8 TTP
Output:	RTTP Compatible
Connector:	5-Pin DIN

P/N 54-770-700

PB-MIL 3/8" Shank

\$1375.00

P/N 54-770-701

PB-MIL 14mm Shank

\$1375.00

P/N 54-770-777

PB-MIL and P1-5A Probe

\$2499.00

PB-1

PB-MI