

# 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.



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

### Specifications

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

<b>Body Mount:</b>	M8 Thread
<b>Stylus Mount:</b>	M2 Thread
<b>Output:</b>	RTTP Compatible

**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.



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

### Specifications

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

<b>Shank:</b>	3/8", 14mm, 20mm, Special
<b>Stylus:</b>	M2 Threaded
<b>Probe Status:</b>	3 Green LED
<b>Output:</b>	RTTP Compatible
<b>Connector:</b>	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

## 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  
 P/N 54-770-038

PB-1 Body 14mm Shank  
 PB-1 Body 3/8" Shank

\$595.00  
 \$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  
 P/N 54-770-701  
 P/N 54-770-777

PB-MIL 3/8" Shank  
 PB-MIL 14mm Shank  
 PB-MIL and P1-5A Probe

\$1375.00  
 \$1375.00  
 \$2499.00

PB-1

PB-MI