

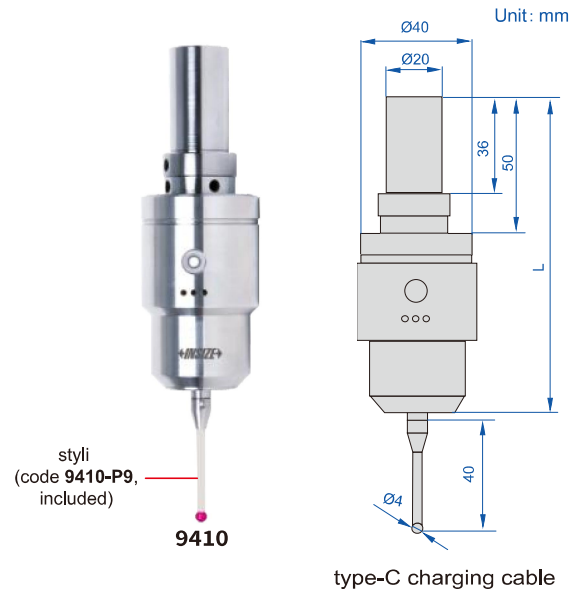
# TRIGGER-TYPE 3D PROBE (AUDIBLE AND VISUAL ALARM)

**IP67**  
WATERPROOF

- Suitable for all kinds of machining centers, CNC boring machines, milling machines, drilling and tapping centers
- Suitable for workpiece detection of various solid materials
- Manually set the workpiece coordinates and machining reference points before CNC machining process
- In the process of CNC machining, manually detect and control key dimensions and position coordinates and their accuracy
- Detect the accuracy of the key size, shape and position of the workpiece after the completion of CNC machining
- Supplied with Ø20mm shank diameter , held by CNC
- LED indicator and buzzer indicate the trigger state of the probe
- Using lithium battery charging technology, no need to replace the battery
- The battery (5% utilization rate per shift) can be used continuously for 90 days
- Type-C interface
- Optional accessory: styli and extension bar

## 3D PROBE SPECIFICATION

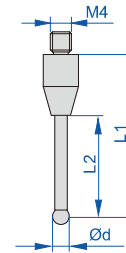
<b>Code</b>	<b>9410</b>
Probe length(L)	115.5mm
Shank diameter(D)	20mm
Trigger direction	±X , ±Y , +Z
Directional trigger protection stroke	X-Y±12° , Z+5mm
Arbitrary one-way repeated trigger accuracy	≤1µm
Trigger force in X-Y direction(with standard styli)	0.3-0.6N
Trigger force in Z direction	4N
Class of protection	IP67
Type-C charging cable	1.5m
Signal extension cord(provide signals to CNC)	1m



## STYLI(OPTIONAL)

unit: mm

Code	L1	L2	Ød	Material of rod	Material of ball
9410-P1	18	13	4	stainless steel	ruby
9410-P2	18	13.5	5	stainless steel	ruby
9410-P3	18.5	13	3	stainless steel	ruby
9410-P4	19	8	2	carbide	ruby
9410-P5	19.5	4	1	carbide	ruby
9410-P6	50	40	2	carbide	ruby
9410-P7	50	34	5	ceramic	ruby
9410-P8	100	86	6	ceramic	ruby
9410-P9	40	30	4	ceramic	ruby
9410-P10	50	36	6	ceramic	ruby



type-C charging cable

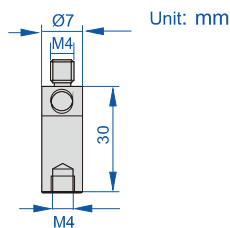


signal extension cord



## EXTENSION BAR(OPTIONAL)

Code	Material
9410-R1	ceramic



application

