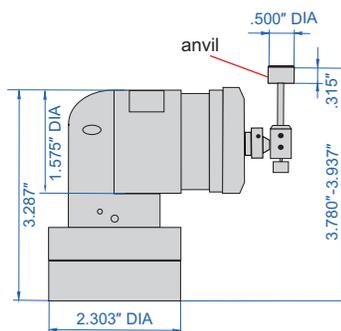


# ZERO SETTER WITH INFRARED TRANSMISSION (FIVE-SIDE)

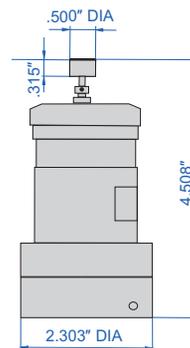
**IP68**  
WATERPROOF



9415-1



9415-1

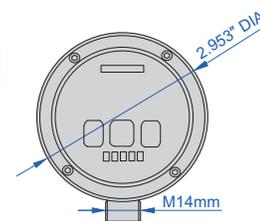


9415-2

- Suitable for all kinds of small and medium-sized machining centers, CNC boring, milling machines and five-axis CNC machine tools, etc.
- Automatically set the tool length parameters before CNC machining process
- Automatic detection of tool wear or damage during CNC machining
- Automatic detection of tool wear or damage after CNC machining is completed
- The working surface of anvil is ceramic and has chamfer, which can greatly improve the service life
- Infrared transmission, fast response, high reliability
- The battery (5% utilization rate per shift) can be used continuously for 90 days
- Supplied with automatic zero setter software package
- Can be used in combination with infrared transmission probes for CNC machine tools (9414-1, 9414-2, 9414-3, 9414-4, 9414-5)
- Optional accessory: square anvil (part no. 9412-B1)



9414-A



## ZERO SETTER SPECIFICATION

Part No.	9415-1	9415-2
Height (factory setting)	3.780"-3.937"	4.508"
Diameter of zero setter	.500"	
Trigger direction	±X, ±Y, +Z	
Trigger protection stroke	X-Y ±.200", Z .315"	
Trigger force of zero setter all directions	X and Y axis: 0.5-1N, Z axis: 1.5N	X and Y axis: 0.5-1N, Z axis: 5N
Repeated trigger accuracy	≤ .00004"	
Start/stop mode	M code control *	
Hardness of the zero setter	HM8.5	
Dust/waterproof	IP68	
Power supply	2xLS14250 lithium battery	

\*Before purchasing, please confirm whether CNC still has enough M code to be used

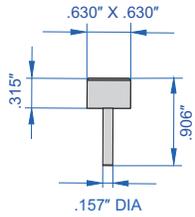
## RECEIVER SPECIFICATION

Part No.	9414-A
Protection function	low battery voltage, overstroke and signal interrupt protection **
Applicable	zero setter part no. 9415-1, 9415-2; probe part no. 9414-1, 9414-2, 9414-3, 9414-4, 9414-5
Infrared transmission/reception range	118"
Cable length	315"
Dust/waterproof	IP68
Power supply	input voltage: 24V±10% (DC), load current (max): 50mA

\*\*When battery voltage is low or zero setter is in wrong state, receiver sends a signal to CNC machine to stop working

## SQUARE ANVIL (OPTIONAL)

Part No.	Shape	Dimension	Material
9412-B1	square	.630" x .630"	ceramic



application



## AUTOMATIC ZERO SETTER SOFTWARE (INCLUDED)

1. Automatic calibration of the center position of the anvil
2. Standard knife length setting
3. Semi-automatic and fully automatic tool setting for tool length



4. Semi-automatic and fully automatic tool diameter settings



5. Automatic detection of tool wear and breakage

