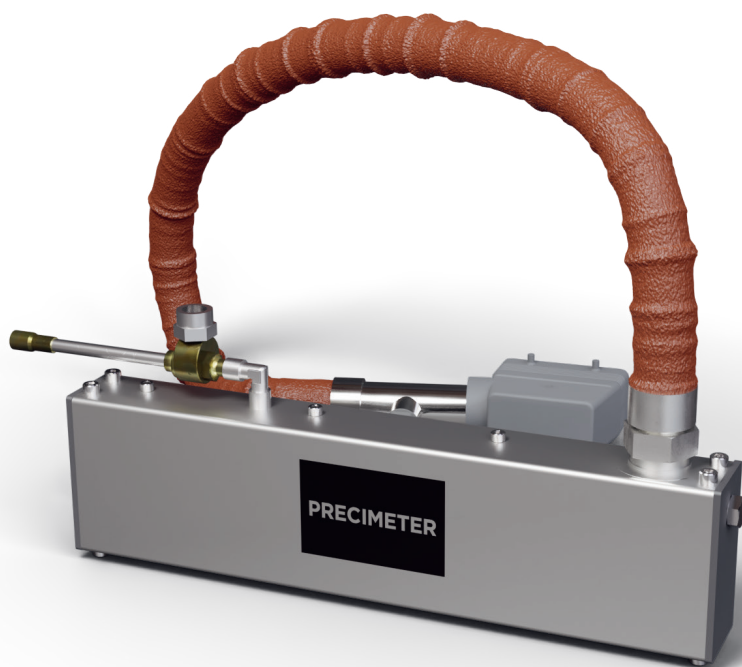


**PRECIMETER**

Molten metal level control

# ProH

Laser Camera Sensor





# ProH

## Laser Camera Sensor

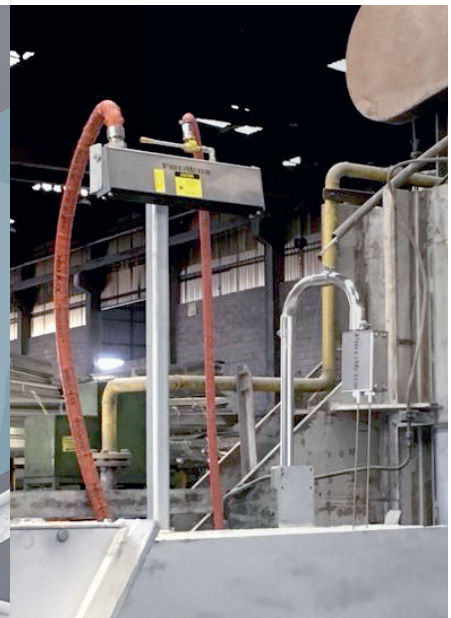
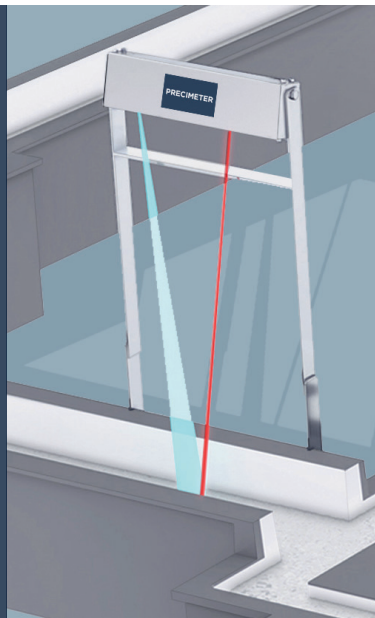
**The ProH Laser Camera Sensor** combines high performance laser triangulation with the necessary control functions to maintain accuracy in molten metal level measurement.

Our digital camera technology results in very high performance and resolution. The advanced

technology enables stable readings even when the molten metal material reflectivity changes dramatically and/or in harsh conditions with heavy steam and smoke environment.

### ADVANTAGES

- ✓ Extremely Accurate Measurement
- ✓ Stable Performance in Harsh Conditions/Environments
- ✓ Easy Installation
- ✓ Compact Design
- ✓ Maintenance Free
- ✓ Surface Adaption System
- ✓ No Calibration Needed for Each Specific Installation
- ✓ Precimeter Tool (PC Software) for Access to All Sensor Parameters



### Technical Specifications

Power Requirement	24 VDC < 1 A
Level Output	4-20 mA
Internal Temp Output	4-20 mA (0-100°C, 32-212°F)
Digital Input	Light source on/off
Digital Output	Sensor status
Resolution	±0.07 mm
Ethernet Protocol	Optional (Profinet, Ethernet IP or Modbus TCP)
Interface	Precimeter tool (PC software)
Sampling rate	50 Hz
Laser power	< 1 mW (Laser class 2) / < 5 mW (Laser class 3R)
Cooling	Compressed air (3/8" connection)

Sensor Models	Clearance Distance	Measurement Range
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ProH CD240R325	240 mm (9.4")	325 mm (12.8")
ProH CD450R300	450 mm (17.7")	300 mm (11.8")
ProH CD700R300	700 mm (27.6")	300 mm (11.8")
ProH CD900R500	900 mm (35.4")	500 mm (19.7")
ProH CD1500R1600	1500 mm (59.0")	1600 mm (62.9")
ProH CD2350R3000	2350 mm (92.5")	3000 mm (118.1")

**WANT TO KNOW MORE?** Contact us at [sales@precimeter.com](mailto:sales@precimeter.com) or visit [precimeter.com](http://precimeter.com)