PSC-S55N / PSC-G55N

1 Color Pyrometer Series
For Industrial and R&D Applications

The stand alone PSC-G55N and PSC-S55N One-Color Pyrometer Series provide pinpoint accuracy over an incredibly wide temperature range with customizable options. Choose from integrated laser aiming light, through lens sighting, or real-time built-in color video. The pyrometer series offers ten distinct temperature ranges and four high-resolution, fixed focus optics choices.

These compact digital sensors are specifically designed for accuracy and reliability in harsh industrial and demanding laboratory applications. The PSC-G55N and PSC-S55N Series' 0/4 to 20mA output allows easy integration to existing measurement and control systems. IR sensors are programmable and set from the display menu or via the RS485 Modbus RTU connection to a PC.

APPLICATIONS

- Steel and Metals
- Vacuum Furnace
- Semiconductor
- Induction Heating
- Kilns
- Welding
- Ceramics/Composites
- Sintering/Graphite
- Nuclear
- R & D

FEATURES

- Temperature Display and Parameter Controls on IR Sensor Rear Panel
- Thru-lens, Laser, or Integrated Color Video
- Temperature Ranges Spanning from 200° to 3000°C
- 0/4-20mA Linear Analog Output
- Choice of Fixed Focus or Motor Focus optics
- Fast Response Time from 2ms, Adjustable up to 100 seconds
- Compact, Robust Stainless Steel Housing
- RS-485 Modbus RTU for Integration into Existing Data Acquisition Systems
- Rugged Hardware Designed for Harsh Industrial Continuous Operation

Temperature Range and Spectral Response

Models	PSC-G55NT PSC-G55NL PSC-G55NV	PSC-S55NT PSC-S55NL PSC-S55NV
Spectral Response	1.5µm to 1.8µm	0.8µm to 1.1µm
Temperature Ranges	200° to 1200°C 392° to 2192°F	550° to 1500°C 1022° to 2732°F
	250° to 1500°C 482° to 2732°F	600° to 1800°C 1112° to 3272°F
	350° to 2000°C 662° to 3632°F	800° to 2500°C 1472° to 4532°F
	200° to 2000°C 392° to 3632°F	600° to 3000°C 1112° to 5432°F
	250° to 2500°C 482° to 4532°F	900° to 3000°C 1652° to 5432°F

PSC-G55N**T**
PSC-S55N**T**
THRU-LENS SIGHTING

PSC-G55N**L**
PSC-S55N**L**
LASER SIGHTING

PSC-G55N**V**
PSC-S55N**V**
VIDEO CAMERA

MODEL SELECTION GUIDE
PSC-G55N Series

Build the model number by selecting instrument specifications required from each column.

1. Select Model Number:	2. Select Temperature Range in °C:	3. Select Fixed Focus Optics in mm:	4. Select Accessories Codes:
 PSC-G55NT Thru-lens	**200° to 1200°C** 392° to 2192°F	**250**	Choose **1** of 2 Jacket Codes:
	250° to 1500°C 482° to 2732°F	**650**	**JW** = Protective Cooling Jacket With integrated Air Purge
 PSC-G55NL Laser	**350° to 2000°C** 662° to 3632°F	**2000**	**00** = No Protective Jacket
	200° to 2000°C 392° to 3632°F	**4000**	Choose **1** of 2 Air Purge Codes: **AP** = Air Purge Assembly (connects to IR Sensor)
 PSC-G55NV Video	**250° to 2500°C** 482° to 4532°F		**00** = No Air Purge Assembly

Example: Model PSC-G55NV-0250-1500-650-JW-00 includes video camera sighting, temperature range of 250 to 1500°C, 650mm fixed focus optics and protective cooling jacket with integrated air purge. (Refer to Accessories page)

Fixed Focus Optics PSC-G55N Series

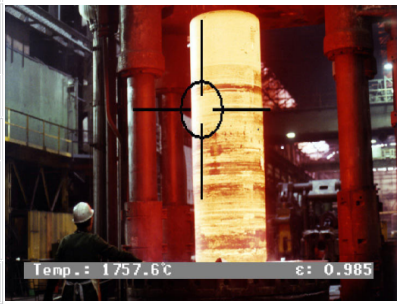
Temperature Range	Optics Aperture	Distance/Spot Size			
		Focused at 9.84" (250 mm)	Focused at 25.59" (650 mm)	Focused at 78.74" (2000 mm)	Focused at 157.48" (4000 mm)
200° to 1200°C 392° to 2192°F	**0.39 inch (10.0 mm)**	0.05 in. (1.3 mm)	0.13 in. (3.5 mm)	0.39 in. (10.0 mm)	0.78 in. (20.0 mm)
200° to 2000°C 392° to 3632°F	**0.19 inch (5.0 mm)**	0.05 in. (1.3 mm)	0.13 in. (3.5 mm)	0.39 in. (10.0 mm)	0.78 in. (20.0 mm)
250° to 1500°C 482° to 2732°F	**0.32 inch (8.0 mm)**	0.03 in. (0.8 mm)	0.08 in. (2.2 mm)	0.26 in. (6.7 mm)	0.51 in. (13.0 mm)
350° to 2000°C 662° to 3632°F	**0.19 inch (5.0 mm)**	0.03 in. (0.8 mm)	0.08 in. (2.2 mm)	0.26 in. (6.7 mm)	0.51 in. (13.0 mm)
250° to 2500°C 482° to 4532°F	**0.13 inch (3.5 mm)**	0.03 in. (0.8 mm)	0.08 in. (2.2 mm)	0.26 in. (6.7 mm)	0.51 in. (13.0 mm)

PSC-G55N Optics with Motor Focus (adjustable in 8 steps)

Measurement distance in [mm]		240	360	540	800	1200	1800	2500	4000	
Temperature range	FOV	Target size [mm]								Aperture∅ [mm]
200 °C to 1200 °C	160 : 1	1.5	2.3	3.4	5.0	7.5	11	16	25	10.0
250 °C to 1500 °C	240 : 1	1.0	1.5	2.3	3.4	5.0	7.5	11	17	8.0
350 °C to 2000 °C	240 : 1	1.0	1.5	2.3	3.4	5.0	7.5	11	17	5.0
250 °C to 2500 °C	240 : 1	1.0	1.5	2.3	3.4	5.0	7.5	11	17	3.5
200 °C to 2000 °C	160 : 1	1.5	2.3	3.4	5.0	7.5	11	16	25	5.0

Technical Data PSC-G55NV & PSC-S55NV

Video signal	Composite video signal approx. 1Vss at 75 Ω (galvanically isolated, video signal can be deactivated via software)
Color norm	NTSC (M), 60 Hz / PAL(B), 50Hz
Resolution	1/3 inch video chip 628 × 586 pixels (NTSC option: 510 × 496 pixels)
Exposure control	automatic
Visible field	approx. 8 % × 6 % of adjusted measurement distance (NTSC option: 6.5 % × 5 %)
Date/time	Real-time clock with minimum 3 days power reserve, adjustable via software
Video image displays	Circular reticule to identify spot size, measurement temperature, emissivity
Optional image displays	Via software: serial number, device name or user-defined text (16 characters), date, time, temperature unit °C/°F, 12/24 hours display
The video image can be displayed via the additionally available TFT monitor.	



Semiconductor Process

Kiln

MODEL SELECTION GUIDE
PSC-S55N Series

Build the model number by selecting instrument specifications required from each column.

1. Select Model Number:	2. Select Temperature Range in °C:	3. Select Fixed Focus Optics in mm:	4. Select Accessories Codes:
 PSC-S55NT Thru-lens	550°C to 1500°C 1022° to 2732°F	250	Choose **1** of 2 Jacket Codes:
	600° to 1800°C 1112° to 3272°F	650	**JW** = Protective Cooling Jacket With integrated Air Purge
 PSC-S55NL Laser	600° to 3000°C 1112° to 5432°F	2000	**00** = No Protective Jacket
	800° to 2500°C 1472° to 4532°F	4000	Choose **1** of 2 Air Purge Codes:
			AP = Air Purge Assembly (connects to IR Sensor)
 PSC-S55NV Video	900° to 3000°C 1652° to 5432°F		**00** = No Air Purge Assembly

Example: Model PSC-S55NL-0900-3000-4000-JW-00 includes laser sighting, temperature range of 900 to 3000°C, 4000mm fixed focus optics and protective cooling jacket with integrated air purge. (Refer to Accessories page)

Fixed Focus Optics PSC-S55N Series

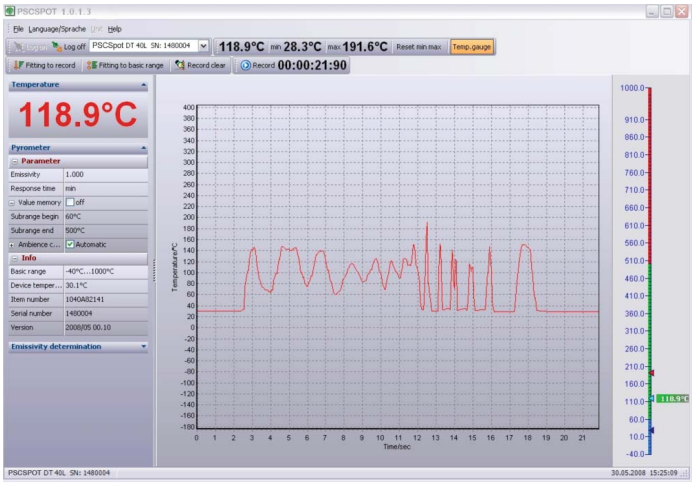
Temperature Range	Optics Aperture	Distance/Spot Size			
		Focused at 9.84" (250 mm)	Focused at 25.59" (650 mm)	Focused at 78.74" (2000 mm)	Focused at 157.48" (4000 mm)
550° to 1500°C 1022° to 2732°F	**0.39 inch (10.0 mm)**	0.05 in. (1.3 mm)	0.13 in. (3.5 mm)	0.39 in. (10.0 mm)	0.78 in. (20.0 mm)
600° to 1800°C 1112° to 3272°F	**0.23 inch (6.0 mm)**	0.03 in. (0.8 mm)	0.08 in. (2.2 mm)	0.26 in. (6.7 mm)	0.51 in. (13.0 mm)
600° to 3000°C 1112° to 5432°F	**0.15 inch (4.0 mm)**	0.03 in. (0.8 mm)	0.08 in. (2.2 mm)	0.26 in. (6.7 mm)	0.51 in. (13.0 mm)
800° to 2500°C 1472° to 4532°F	**0.31 inch (8.0 mm)**	0.03 in. (0.8 mm)	0.08 in. (2.2 mm)	0.26 in. (6.7 mm)	0.51 in. (13.0 mm)
900° to 3000°C 1652° to 5432°F	**0.15 inch (4.0 mm)**	0.03 in. (0.8 mm)	0.08 in. (2.2 mm)	0.26 in. (6.7 mm)	0.51 in. (13.0 mm)

PSC-S55N Optics with Motor Focus (adjustable in 8 steps)

Measurement distance in [mm]		240	360	540	800	1200	1800	2500	4000	
Temperature range	FOV	Target size [mm]								Aperture∅ [mm]
550 °C to 1500 °C	160 : 1	1.5	2.3	3.4	5.0	7.5	11	16	25	10.0
600 °C to 1800 °C	240 : 1	1.0	1.5	2.3	3.4	5.0	7.5	11	17	6.0
800 °C to 2500 °C	240 : 1	1.0	1.5	2.3	3.4	5.0	7.5	11	17	8.0
900 °C to 3000 °C	240 : 1	1.0	1.5	2.3	3.4	5.0	7.5	11	17	4.0
600 °C to 3000 °C	240 : 1	1.0	1.5	2.3	3.4	5.0	7.5	11	17	4.0

PSCSpot Software for PSC-G55N and PSC-S55N Series

PSCSpot software is used for manual set-up and adjustment of pyrometer parameters that include ratio correction, emissivity, sub-temperature range, data storage settings and response time to the application. The no-cost PSCSpot software is included with the purchase of an optional RS-485 to USB adapter and connection cable. The PSCSpot software facilitates recording, and creation and retention of graphic or table files. The PSCSpot software allows data recording in real-timevia a PC with minimum computer requirements of 500MHz clock frequency and any Windows® operating system.

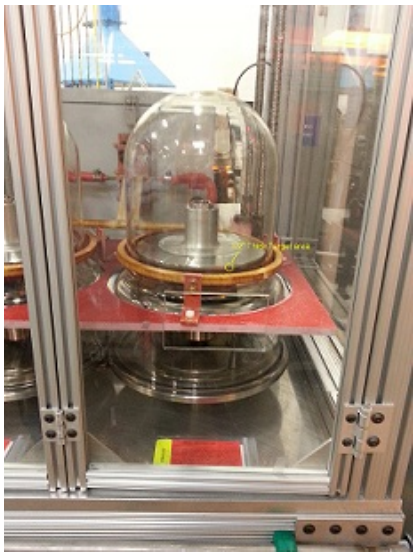


Typical Industrial Applications

Pipe Casting

Induction Heating

Steel

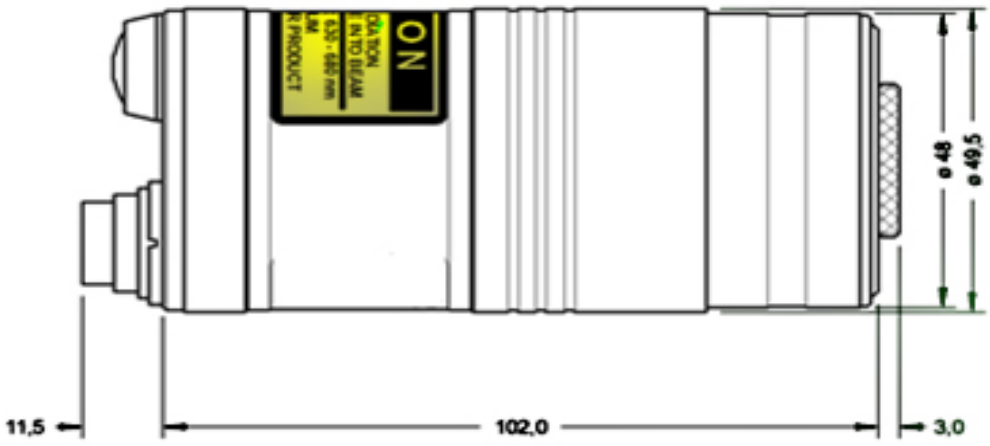


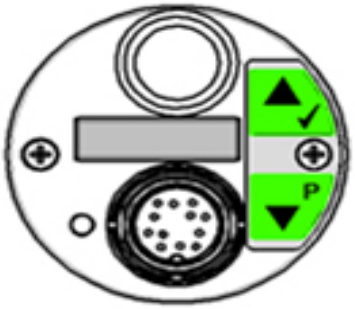
Bell Jar - R &D / Laboratory

Molten Glass Stream

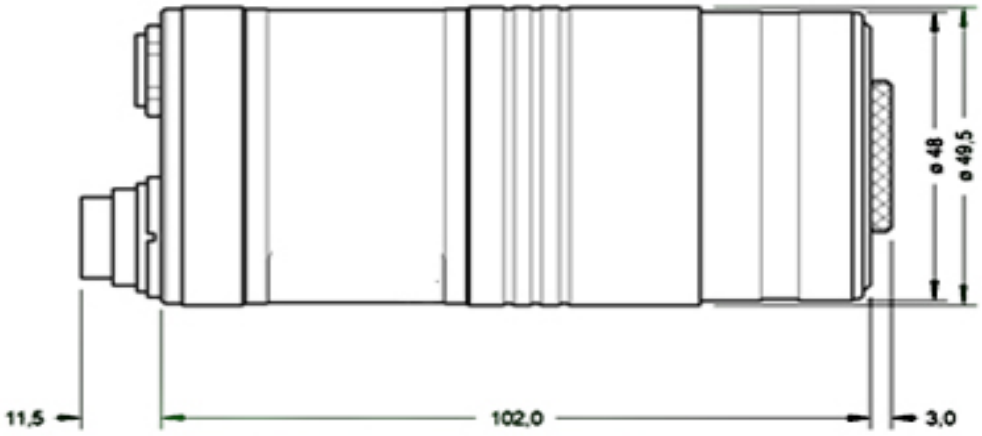
DIMENSIONAL DRAWINGS

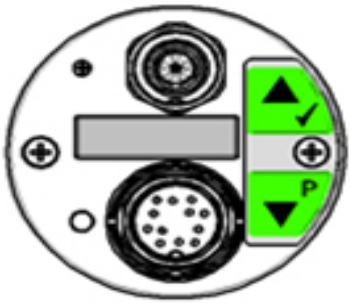
Product Dimensions in mm



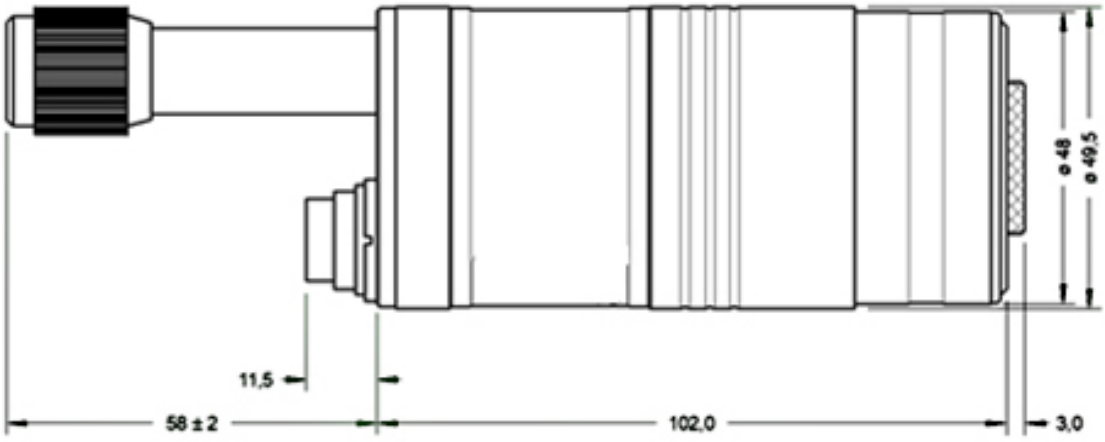


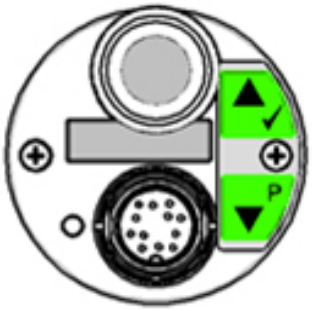
Laser Sighting





Video Camera Sighting





Through-Lens Sighting

SPECIFICATIONS PSC-G55N and PSC-S55N Series

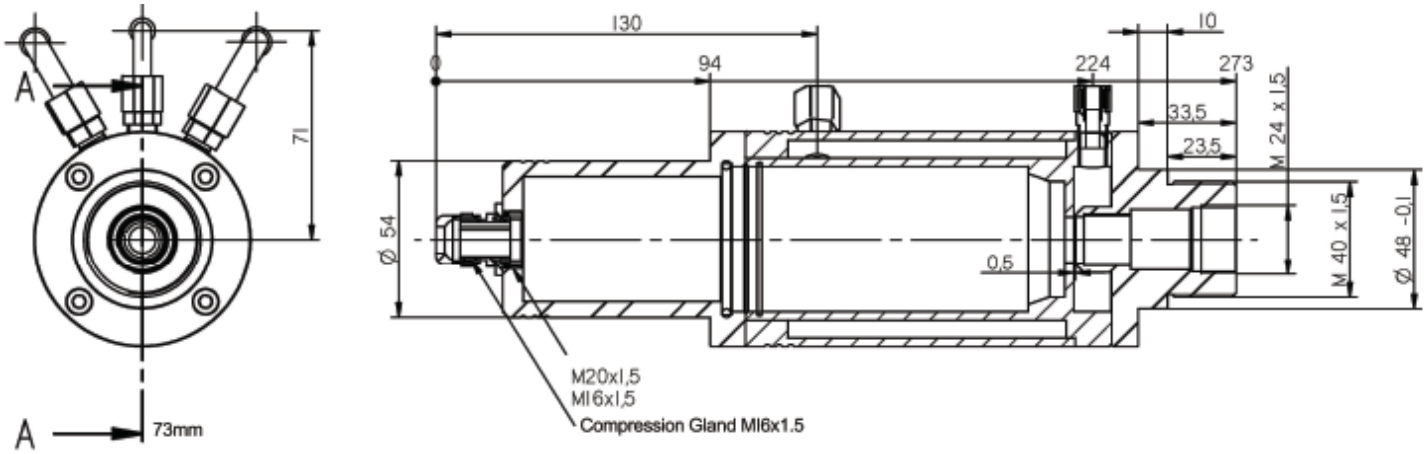
Temperature Ranges PSC-G55N Series	200° to 1200°C	250° to 1500°C	350° to 2000°C	250° to 2500°C	200° to 2000°C
	392° to 2192°F	482° to 2732°F	622° to 3632°F	482° to 4532°F	392° to 3632°F
Temperature Ranges PSC-S55N Series	550° to 1500°C	600° to 1800°C	800° to 2500°C	900° to 3000°C	600° to 3000°C
	1022° to 2732°F	1112° to 3272°F	1472° to 4532°F	1652° to 5432°F	1112° to 5432°F
Sub Temperature Range	Adjustable Within Overall Temperature Range, Minimum Span 50°C (122°F)				
Field of View Ratio	200:1	300:1	300:1	300:1	200:1 / 300:1
Accuracy	0.5% of Measured Value in °C				
Reproducibility	0.1% of Measured Value in °C				
Aiming	PSC-G55N**T** and PSC-S55N**T**: (Optical) Through Lens Sighting PSC-G55N**L** and PSC-S55N**L**: Laser Aiming Light, 630…680 nm, Class II, <1 mW PSC-G55N**V** and PSC-S55N**V**: Video Camera, Composite Video Signal NTSC (M), 60Hz or PAL (B), 50Hz				
Choice of Optics Types	250mm, 650mm, 2000mm, or 4000mm				
Spectral Range	PSC-G55N 1.5µm to 1.8µm			PSC-S55N 0.8µm to 1.1µm	
Ratio Correction K	0.800 to 1.200				
Emissivity ε	0.050 to 1.000				
Response Time (t95)	5 ms (min.) Adjustable up to 100 seconds				
NETD	0.1K				
Transmissivity	50% to 100%				
Output	0/4 mA to 20 mA, Temperature Linear, Max. Load 500 Ω (Galvanically Isolated)				
Interface	RS-485 (Galvanically Isolated), Half Duplex, Max. 115 kBd, Modbus RTU				
Switching Output/Threshold	1 Opto Relay, R_{Load} Min. 48Ω (Galvanically Isolated) Adjustable Within Temperature Range				
Parameters	Adjustable Via Interface and Software, or at Device: Ratio Correction, Emissivity, Transmissivity, Response Time, Data Storage Settings, Sub Range of Measurement Output, Switching Thresholds of Switching Output				
Power Supply	24 V DC ± 25%, Residual Ripple 500 mV				
Power Consumption	Max. 1.5W (Without Load at Switching Output)				
Operating Temperature	0° to 70°C (32° to 158°F)				
Storage Temperature	-20° to 70°C (-4° to 158°F)				
Weight	750 grams (1 lb. 10.45 oz.)				
Housing	Stainless Steel Cylindrical Housing (50 mm / 2"OD)				
Safety Class	IP65 According to DIN EN 60529 and DIN 40050				
Test Regulation	EN 55 011: 1998, Limit Class A				
CE Symbol	According to EU Regulations				
Standard Equipment	PSC-G55N or PSC-S55N, Operation Manual, Inspection Sheet, PSC Spot Software, Without Connection Cable (Must be ordered separately)				

ACCESSORIES PSC-G55N and PSC-S55N Series

The circumstances under which Process Sensors pyrometers are used are many and varied. In order to accommodate these differences and to ensure reliable, trouble-free operation, we have designed a large comprehensive family of accessories. Some are purely protective, while others simplify a measurement that would be difficult or impossible otherwise. Pictured below is a sampling.

		
STAINLESS STEEL COOLING JACKET WITH INTEGRATED AIR PURGE PSC-3310A23050	RS485 TO USB CONVERTER WITH CABLE PSC-3310A14020	STAINLESS STEEL BALL AND SOCKET AIMING FLANGE PSC- 3310A24020
		
AIR PURGE PSC-3310A22050	REMOVABLE SEALED WINDOW ASSEMBLY Part number dependant upon window material	ADJUSTABLE MOUNTING BRACKET PSC-3310A21050
		
24VDC POWER SUPPLY PSC-950-004	5M SENSOR CABLE WITH STRAIGHT CONNECTOR PSC-3310A1112	5M SENSOR CABLE WITH RIGHT ANGLE CONNECTOR PSC-310A11132

Cooling Jacket with integrated Air Purge Dimensions (in mm)



PROCESS SENSORS CORPORATION

IR Temperature Sales Office: 787 Susquehanna Avenue, Franklin Lakes, NJ USA •Tel: 201-485-8773, 8772 • www.ProcessSensors.com

Corporate Headquarters: 113 Cedar Street, Milford, MA USA • Tel: 508-473-9901 • irtemp@processsensors.com

Global Offices–Sales and Support: Americas, Asias, Europe

PSC-SR55N Series

2 Color Pyrometer Series
For Industrial and R&D Applications

The stand alone PSC-SR55N Two-Color Pyrometer Series provides pinpoint accuracy over an incredibly wide temperature range with customizable options. Choose from integrated laser aiming light, through lens sighting, or real-time built-in color video. The pyrometer series offers five distinct temperature ranges and four high-resolution, fixed focus optics choices.

These compact digital sensors are specifically designed for accuracy and reliability in harsh industrial and demanding laboratory applications. The PSC-SR55N Series' 0/4 to 20mA output allows easy integration to existing measurement and control systems. IR sensors are programmable and set from the display menu or via the RS485 Modbus RTU connection to a PC.

Two-color or Ratio Pyrometers measures temperatures from the ratio of radiation signals of two adjacent wavelengths as opposed to measuring the absolute intensity within one wavelength, as with one-color pyrometers. The advantages of two-color sensors are the following:

- Automatic compensation for viewing through dirty windows, dust, and partial smoke between sensor and target
- Compensation for changes in target emissivity i.e. gray bodies-targets with the same emissivity on both wavelengths
- Measures smaller target than sensors' field of view (FOV/Spot size) i.e. measures weighted peak temperature within FOV
- Unaffected by moving targets within FOV

APPLICATIONS

- Steel and Metals
- Vacuum Furnace
- Semiconductor
- Induction Heating
- Kilns
- Welding
- Ceramics/Composites
- Sintering/Graphite
- R & D

FEATURES

- Temperature Display and Parameter Settings on IR Sensor Rear Panel
- Thru-lens, Laser, or Integrated Color Video
- Temperature Ranges Spanning from 500° to 3000°C
- 0/4-20mA Linear Analog Output
- Choice of Fixed Focus or Motor Focus optics
- Fast Response Time from 5ms, Adjustable up to 100 seconds
- Compact, Robust Stainless Steel Housing
- RS-485 Modbus RTU for Integration into Existing Data Acquisition Systems
- Rugged Hardware Designed for Harsh Industrial Continuous Operation

MODEL SELECTION GUIDE
PSC-SR55N Series

Build the model number by selecting instrument specifications required from each column

1. Select Model Number:	2. Select Temperature Range in °C:	3. Select Fixed Focus Optics in mm:	4. Select Accessories Codes:
 PSC-SR55NT Thru-lens	500° to 1200°C 992° to 2192°F	250	Choose **1** of 2 Jacket Codes:
	600° to 1400°C 1112° to 2552°F	650	**JW** = Protective Cooling Jacket With integrated Air Purge
 PSC-SR55NL Laser	700° to 1800°C 1292° to 3272°F	2000	**00** = No Protective Jacket
	800° to 2500°C 1472° to 4532°F	4000	Choose **1** of 2 Air Purge Codes:
			AP = Air Purge Assembly (connects to IR Sensor)
 PSC-SR55NV Video	900° to 3000°C 1652° to 5432°F		**00** = No Air Purge Assembly

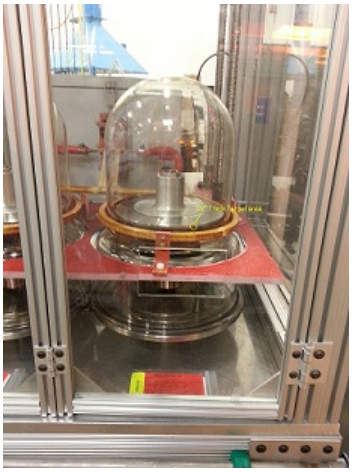
Example: Model PSC-SR55NV-0500-1200-250-JW-00 includes video camera sighting, temperature range of 500 to 1200°C, 250mm fixed focus optics and protective cooling jacket with integrated air purge. (Refer to Accessories page)

Typical Industrial Applications

Pipe Casting

Induction Heating

Steel



Laboratory / R&D

Molten Glass Stream

PSC-SR55N Series
Fixed Focus / Variable Motor Focus

PSC-SR55N Fixed Focus Optics

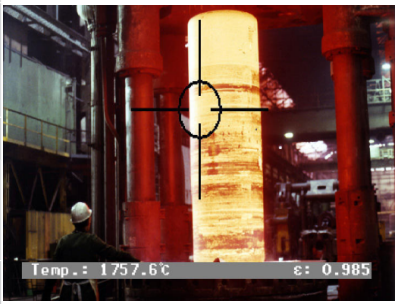
Measurement distance in [mm]		250	650	2000	4000	
Temperature range	FOV	Target size [mm]				Lens Aperture [mm]
500 °C to 1200 °C	50 : 1	5.0	13	40	80	8.0
600 °C to 1400 °C	100 : 1	2.5	6.5	20	40	6.0
700 °C to 1800 °C	200 : 1	1.3	3.5	10	20	6.0
800 °C to 2500 °C	300 : 1	0.8	2.2	6.7	13	6.0
900 °C to 3000 °C	300 : 1	0.8	2.	6.7	13	6.0

PSC-SR55N Optics with Variable Motor Focus (adjustable in 8 steps)

Measurement distance in [mm]		240	360	540	800	1200	1800	2500	4000	
Temperature range	FOV	Target size [mm]								Lens Aperture [mm]
500 °C to 1200 °C	40 : 1	6.0	9.0	14	20	30	45	63	100	8.0
600 °C to 1400 °C	80 : 1	3.0	4.5	6.8	10	15	23	32	50	6.0
700 °C to 1800 °C	160 : 1	1.5	2.3	3.4	5.0	7.5	11	16	25	6.0
800 °C to 2500 °C	240 : 1	1.0	1.5	2.3	3.4	5.0	7.5	11	17	6.0
900 °C to 3000 °C	240 1	1.0	1.5	2.3	3.4	5.0	7.5	16	17	6.0

Technical Data PSC- PSC-SR55NV

Video signal	Composite video signal approx. 1Vss at 75 Ω (galvanically isolated, video signal can be deactivated via software)
Color Video	NTSC (M), 60 Hz / PAL(B), 50Hz
Resolution	1/3 inch video chip 628 × 586 pixels (NTSC option: 510 × 496 pixels)
Exposure control	automatic
Visible field of view	approx. 8 % × 6 % of adjusted measurement distance (NTSC option: 6.5 % × 5 %)
Date/time	Real-time clock with minimum 3 days power reserve, adjustable via software
Video image displays	Circular reticule to identify spot size, measurement temperature, emissivity
Optional image displays	Via software: serial number, device name or user-defined text (16 characters), date, time, temperature unit °C/°F, 12/24 hours display
The video image can be displayed via the additionally available TFT monitor.	

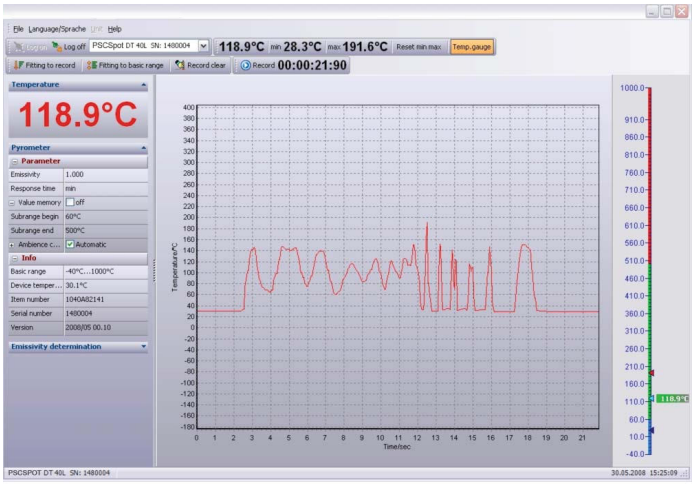


Semiconductor Process

Kiln

PSCSpot Software for PSC-SR55N Series

PSCSpot software is used for manual set-up and adjustment of pyrometer parameters that include ratio correction, emissivity, sub-temperature range, data storage settings and response time to the application. The no-cost PSCSpot software is included with the purchase of an optional RS-485 to USB adapter and connection cable. The PSCSpot software facilitates recording, and creation and retention of graphic or table files. The PSCSpot software allows data recording in real-timevia a PC with minimum computer requirements of 500MHz clock frequency and any Windows® operating system.

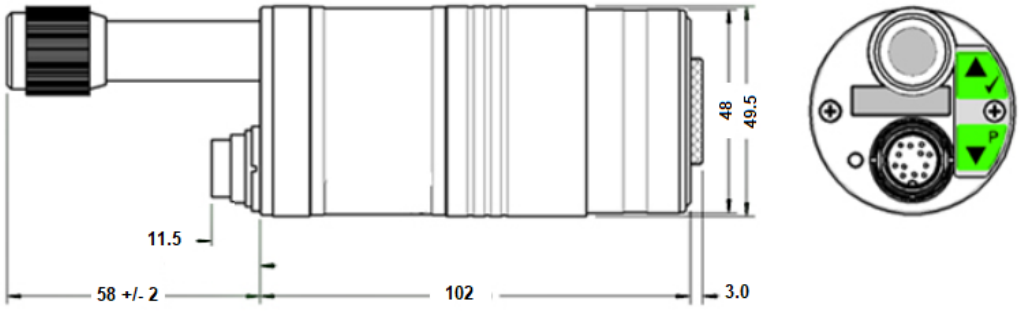


DIMENSIONAL DRAWINGS

Product Dimensions in mm

Laser Sighting

Video Camera Sighting



Through-Lens Sighting

SPECIFICATIONS - PSC-SR55N Series

Temperature Ranges PSC-SR55N Series	500° to 1200°C 992° to 2192°F	600° to 1400°C 1112° to 2552°F	700° to 1800°C 1292° to 3272°F	800° to 2500°C 1472° to 4532°F	900° to 3000°C 1652° to 5432°F
Sub Temperature Range	Adjustable Within Overall Temperature Range, Minimum Span 50°C (122°F)				
FOV - Fixed / Motor	50:1 / 40:1	100:1 / 80:1	200:1 / 160:1	300:1 / 240:1	300:1 / 240:1
Accuracy	0.5% of Measured Value in °C + 1K				
Repeatability	0.2% of Measured Value in °C + 0.5 K				
Aiming Types	PSC-S55N**T**: Through Lens Sighting (Optical) PSC-S55N**L**: Laser Aiming Light, 630…680 nm, Class II, <1 mW PSC-S55N**V**: Video Camera, Composite Video, galvanically isolated (PAL(B), 50Hz or optional NTSC (M), 60Hz				
Choice of Optics	250mm, 650mm, 2000mm, or 4000mm				
Spectral Range	0.7µm to 1.1µm				
Ratio Correction K / Slope	0.800 to 1.200				
Emissivity ε	0.050 to 1.000 (1-channel mode)				
Response Time (t95)	5 ms. Adjustable up to 100 seconds				
NETD	0.1K				
Transmissivity	50% to 100%				
Analog Output	0/4 mA to 20 mA, Temperature Linear, Max. Load 500 Ω (Galvanically Isolated)				
Interface	RS-485 (Galvanically Isolated), Half Duplex, Max. 115 kBd, Modbus RTU				
Switching Output/Threshold	1 Opto Relay, R_{Load} Min. 48Ω (Galvanically Isolated) Adjustable Within Temperature Range				
Parameters	Adjustable Via Interface and Software, or at Device: Ratio Correction, Emissivity, Transmissivity, Response Time, Data Storage Settings, Sub Range of Measurement Output, Switching Thresholds of Switching Output, etc				
Power Supply	24 V DC ± 25%, Residual Ripple 500 mV				
Power Consumption	Max. 1.5W (Without Load on Switching Output)				
Operating Temperature	0° to 70°C (32° to 158°F)				
Storage Temperature	-20° to 70°C (-4° to 158°F)				
Weight	600 grams (1.32 lb)				
Housing	Stainless Steel Cylindrical Housing (50 mm / 2"OD)				
Safety Class	IP65 According to DIN EN 60529 and DIN 40050				
Test Regulation	EN 55 011: 1998, Limit Class A				
CE Symbol	According to EU Regulations				
Scope of Supply	PSC-SR55N, Operation Manual, Inspection Sheet, PSC Spot Software, Without Connection Cable (Must be ordered separately)				

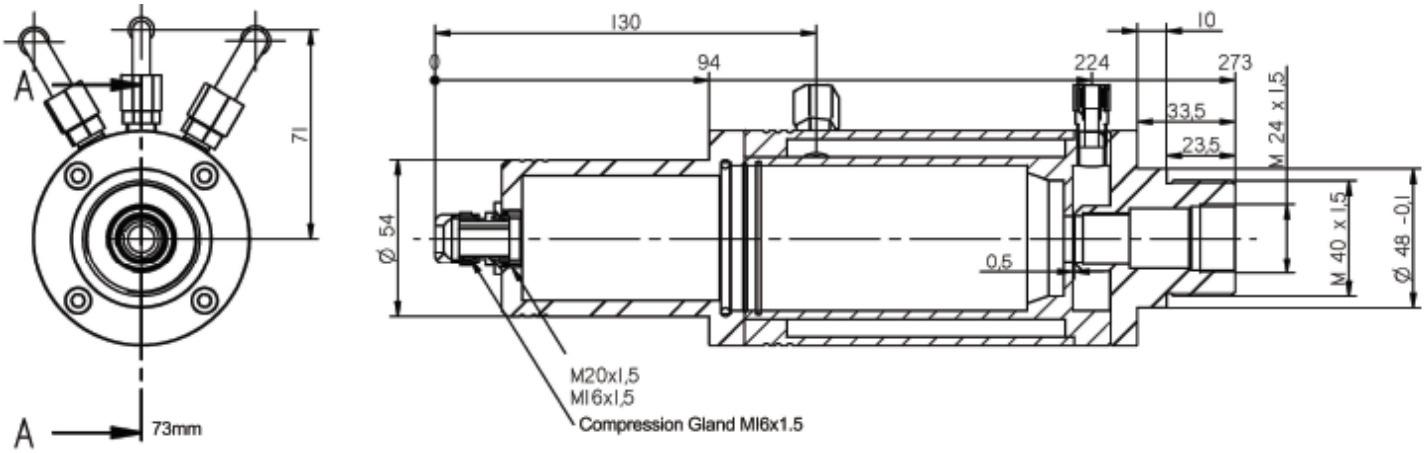
Electrical, mechanical and optical accessories		**Part number**
Connection cable, straight plug, 12 pin	Length 2 m Length 5 m Length 10 m Length 15 m Length 20 m Length 25 m Length 30 m	PSC-3310A11111 PSC-3310A11112 PSC-3310A11113 PSC-3310A11114 PSC-3310A11115 PSC-3310A11116 PSC-3310A11117
Connection cable, right angle plug, with aiming light button, 12 pin	Length 2 m Length 5 m Length 10 m Length 15 m Length 20 m Length 25 m Length 30 m	PSC-3310A11151 PSC-3310A11152 PSC-3310A11153 PSC-3310A11154 PSC-3310A11155 PSC-3310A11156 PSC-3310A11157
Mounting bracket	adjustable	PSC-3310A21050
Cooling jacket	including air purge unit, without mounting angle	PSC-3310A23050
Air purge		PSC-3310A22050

ACCESSORIES for PSC-SR55N Series

The circumstances under which Process Sensors pyrometers are used are many and varied. In order to accommodate these differences and to ensure reliable, trouble-free operation, we have designed a large comprehensive family of accessories. Some are purely protective, while others simplify a measurement that would be difficult or impossible otherwise.

		
STAINLESS STEEL COOLING JACKET WITH INTEGRATED AIR PURGE PSC-3310A23050	RS485 TO USB CONVERTER WITH CABLE PSC-3310A14020	STAINLESS STEEL BALL AND SOCKET AIMING FLANGE PSC- 3310A24020
		
AIR PURGE PSC-3310A22050	REMOVABLE SEALED WINDOW ASSEMBLY Part number dependant upon window material	ADJUSTABLE MOUNTING BRACKET PSC-3310A21050
		
24VDC POWER SUPPLY PSC-950-004	5M SENSOR CABLE WITH STRAIGHT CONNECTOR PSC-3310A1112	5M SENSOR CABLE WITH RIGHT ANGLE CONNECTOR PSC-310A11132

Cooling Jacket with integrated Air Purge Dimensions (in mm)



PROCESS SENSORS CORPORATION

IR Temperature Sales Office: 787 Susquehanna Avenue, Franklin Lakes, NJ USA •Tel: 201-485-8773, 8772 • www.ProcessSensors.com

Corporate Headquarters: 113 Cedar Street, Milford, MA USA • Tel: 508-473-9901 • irtemp@processsensors.com

Global Offices–Sales and Support: Americas, Asias, Europe