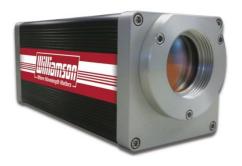


In order to better serve our customers, Williamson has updated its Pro series pyrometers. We have designed this next generation of pyrometer to be easily exchanged with old pyrometers. Please see the list of improvements we made below. Attached are pictures as well for your reference.

### **New Pro Series Design**

Smaller and Lighter: 3.5in x 8.25in, 3.6lbs





#### **Rear View**

- New Interface Design with blue lighted display
- Glass Viewing hatch can now read display without opening hatch
- Interface Board designed similar to Interface Module with clearly identified buttons - easier to navigate menu system



#### **Electrical Connection**

- New Pro Series will now have LEMO connector providing better protection from electrical shock and EMI interference
- For existing customers, an Amphenol to LEMO adapter cable is available for purchase





70 Domino Drive, Concord, Massachusetts 01742 | +1-978-369-9607 | www.williamsonir.com



#### **Protective Cooling Jacket**

- Provides pyrometer protection in ambient temperatures up to 600°F / 315°C
- Pyrometer slides in and out of PCJ for ease when swapping out spares
- PCJ stays installed on process, no need to remove water/air connections
- Ideal for steel annealing lines or other high ambient temperature conditions



#### **Other Accessory Notes**

- Water Cooling New independent plate that is screwed to the bottom
- Swivel Bracket Same base, different top plate, but can switch from one to the other
- Air Purge and Flange Mounts Same threaded front, no change to accessories







## **New Model Equivalent Part Numbers:**

### **Single Wavelength Pyrometers**

Model	Wavelength	Temp Code	Old Part Number
Short Wavelength Pyrome	ters		
		50	41-50
	09	60	41-60
		70	41-70
		20	41-20
	16	25	41-25
SW		30	41-30
344		29	42-29
	2A	30	42-30
		32	42-32
		08	42-08
	29	10	42-10
		20	42-20
Specialty Wavelength Pyro	ometers		
	WA	21	41-21
	FH	33	42-33
SP	PF	30	43-30
	FC	40	45-40
	GL	10	45-10
	GL	20	45-20
	PG	07	48-13
	PG	30	48-30
Long Wavelength Pyrome	ters		
LW	GP	20	49-20

### **Fiber-Optic Style Pyrometers**

Model	Wavelength	Temp Code	Old Part Number
	09	50	51-50
		60	51-60
		70	51-70
SWF	16	20	51-20
		30	51-30
	2A	30	52-30
		32	52-32
	22	36	52-36
		40	52-40
SPF	WA	21	51-21
	FH	33	52-33



### **Ratio Pyrometers**

Model	Wavelength	Temp Code	Old Part Number
	MS	62	81-62
	08	40	81-40
		50	81-50
		65	81-65
		70	81-70
	12	10	81-10
DW		15	81-15
		20	81-20
		30	81-30
		35	81-35
	24	05	82-05
		27	82-27
		34	82-34
		36	82-36
		40	82-40
	28	03	82-03

## **Fiber-Optic Style**

Model	Wavelength	Temp Code	Old Part Number
	MS	62	91-62
	08	40	91-40
		50	91-50
		65	91-65
		70	91-70
DWF	12	10	91-10
		15	91-15
		20	91-20
		30	91-30
	24	05	92-05
		27	92-27
		34	92-34
		36	92-36
		38	92-38
		40	92-40





### **Multi Wavelength Pyrometers**

Model	Wavelength	Temp Code	Old Part Number
	10	10	110-10
		15	110-15
		20	110-20
		30	110-30
N 41A7		35	110-35
MW	20	05	120-05
		20	120-20
		34	120-34
		36	120-36
		40	120-40
	25	03	120-03

## **Fiber-optic Style Pyrometers**

Model	Wavelength	Temp Code	Old Part Number
MWF	10	10	210-10
		15	210-15
		20	210-20
		30	210-30
	20	05	222-05
		20	220-20
		34	220-34
		36	220-36
		38	220-38
		40	220-40