

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



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 of unit
- 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 Pyrometers			
SW	09	50	41-50
		60	41-60
		70	41-70
	16	20	41-20
		25	41-25
		30	41-30
	2A	29	42-29
		30	42-30
		32	42-32
	29	08	42-08
		10	42-10
		20	42-20
Specialty Wavelength Pyrometers			
SP	WA	21	41-21
	FH	33	42-33
	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 Pyrometers			
LW	GP	20	49-20

Fiber-Optic Style Pyrometers

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

Ratio Pyrometers

Model	Wavelength	Temp Code	Old Part Number
DW	MS	62	81-62
	08	40	81-40
		50	81-50
		65	81-65
		70	81-70
		10	81-10
	12	15	81-15
		20	81-20
		30	81-30
		35	81-35
		05	82-05
	24	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
DWF	MS	62	91-62
	08	40	91-40
		50	91-50
		65	91-65
		70	91-70
		10	91-10
	12	15	91-15
		20	91-20
		30	91-30
		05	92-05
		24	27
	34		92-34
	36		92-36
	38		92-38
	40		92-40

Multi Wavelength Pyrometers

Model	Wavelength	Temp Code	Old Part Number
MW	10	10	110-10
		15	110-15
		20	110-20
		30	110-30
		35	110-35
	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