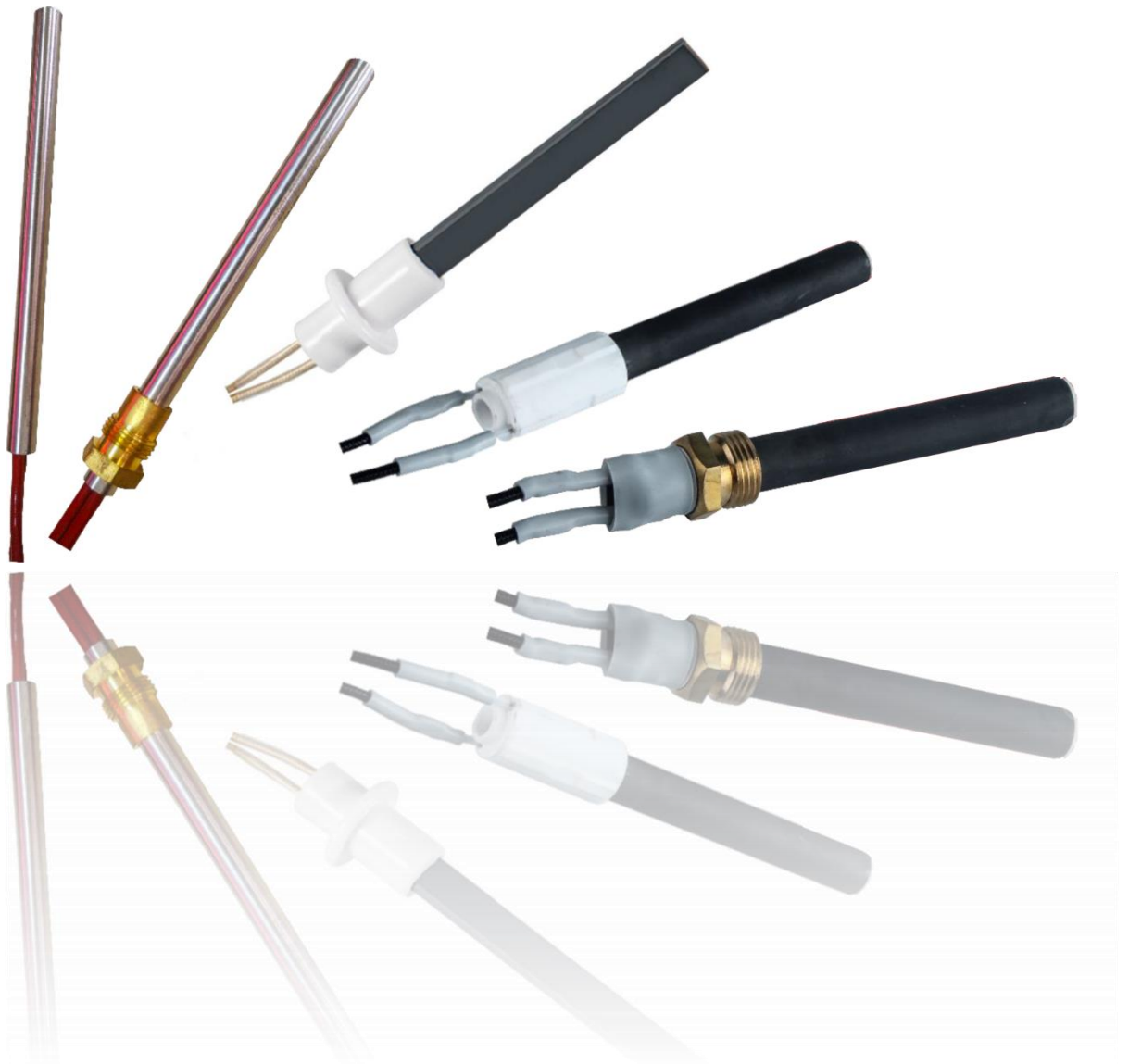


2021



ELEMTERM HEATING TECHNOLOGY CO., LTD.

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PELLET IGNITIONS

PREMIUM OPTIONS BY SHETEC

QUARTZ/CERAMIC/METAL

QUARTZ IGNITERS

Specification:

Structure: tubular radiant and external radiant

Temperature: over 1000 °C in 15 seconds, Max. temp 1200 °C

Time to ignition: less than 60 seconds

Life span test: over than 100,000 ON/OFF cycles.

Cable length: 350/500 mm mica coated cable

Service life: 5-8 years

Customized igniters are available.



Order No.	Model	Dimensions	Spec.		Wire Length	Max Temp.
	Ref.	mm	V	W	mm	°C
1102330	MS-P1	92*10.8*4	230	300	500	1100
1102335			230	350		1100
1001240			120	400		1200
1202330	MS-P2	90*10.8*4	230	300	500	1100
1202335			230	350		1100
1201240			120	400		1200
1302330	MS-P3	100*10.8*4	230	300	500	1100
1302335			230	350		1100
1301240			120	400		1200
1402330	MS-P4	100*10.8*4	230	300	500	1100
1402335			230	350		1100
1401240			120	400		1200
1502330	MS-P5	80*10.8*4	230	300	500	1100
1502335			230	350		1100
1600209	MS-P6	Φ4*30	24	90	350	1000
1700209	MS-P7	Φ4*30	24	90	350	1000

Note: Those dates are for reference only.



CERAMIC IGNITERS

Structure: tubular radiant and external radiant

Rating power: 150~300w

Max. temperature: 1050 °C

Time to ignition: 60 - 90 seconds

Life span test: over than100,000 ON/OFF cycles.

Cable length: 300 mm brown PTFE 0.75 mm² cable

Service life: 4-5 years

Customized igniters are available.



Order No.	Model	Dimensions	Spec.		Flange	Max Temp.
	Ref.*	mm	V	W	mm	°C
2102330	MS-C1-W	11.55*90	230	300	T shape	980
2112330	MS-C1-B				Max. Ø26	1050
2202330	MS-C2-W	11.55*75	230	300	Sunflower	980
2212330	MS-C2-B				Max. Ø17.7	1050
2502330	MS-C5-W	11.55*90	230	300	1/2" G	980
2512330	MS-C5-B					1050
2602330	MS-C6-W	11.55*90	230	300	3/8" G	980
2612330	MS-C6-B					1050
2702330	MS-C7-W	11.55*90	230	300	3/8" G	980
2712330	MS-C7-B					1050
2802325	MS-C8-W	10.55*80	230	250	Star	960
2812325	MS-C8-B				Max. Ø17.5	1000
2902315	MS-C9-W	10.55*70	230	150	Star	890
2912315	MS-C9-B				Max. Ø17.5	950

Note: Those dates are for reference only. *W refers to white. B refers to black



METAL IGNITERS

Specification:

Diameter: 9.5/9.9/12.5mm

Max. temperature: 840°C (800 degree centigrade in 155s)

Cable length: 500 mm brown PTFE insulated 0.75 mm² cable

Service life: 2-4 years

Life span test: over than 1000 hours working continually, and ON/OFF 10,000 cycles

Customized igniters are available.



Metal Igniters with screw flange

Order No.	Total Length	Dimensions	Spec.		Flange	Wire Length
	mm	mm	V	W	mm	mm
3132325	140	9.9*130	230	250	3/8"G	500
3132327	140	9.9*130	230	270	3/8"G	500
3142327	150	9.9*140	230	270	3/8"G	500
3142330	150	9.9*140	230	300	3/8"G	500
3152328	160	9.9*150	230	280	3/8"G	500
3152330	160	9.9*150	230	300	3/8"G	500
3162330	170	9.9*160	230	300	3/8"G	500
3162335	170	9.9*160	230	350	3/8"G	500
3152327	160	12.5*150	230	270	3/8"G	500
3162335	170	12.5*160	230	350	3/8"G	500
3162335S	170	12.5*160	230	350	1/2"G	500
3172335	180	12.5*170	230	350	1/2"G	500
3182345	190	12.5*180	230	450	1/2"G	500

Note: Those dates are for reference only.

Advance Materials

MgO Rod: High purity

MgO Powder: High purity

Resistance Wire: Nickel-chromium 80/20 Sheath

Material: 310S/Incoloy 800 stainless steel

Flange: Brass or SUS304

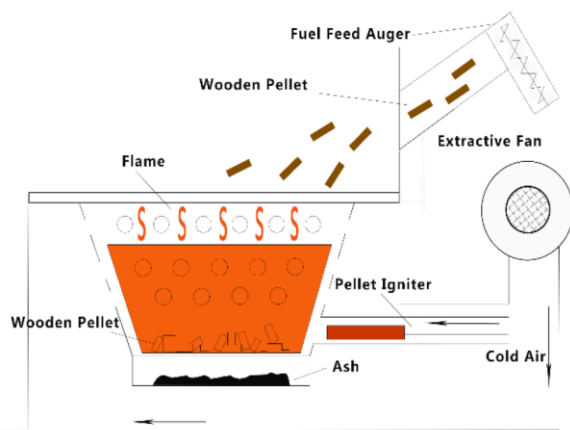


U shape metal igniter available

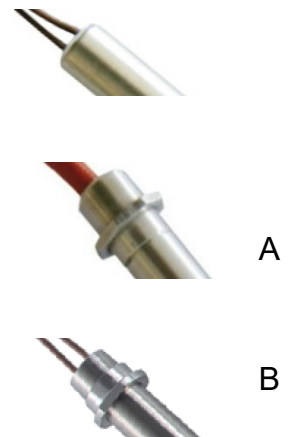
Metal Igniters without screw flange

Order No.	Total Length	Dimensions	Spec.		Flange	Wire Length
	mm	mm	V	W	mm	mm
4152325	150	9.9*150	230	250	N/A	500
4162327	160	9.9*160	230	270	N/A	500
4172330	170	9.9*170	230	300	N/A	500
5152325	150	12.5*150	230	250	N/A	500
5162335	160	12.5*160	230	350	N/A	500
5152335	150	12.5*150	230	350	N/A	500
6152335	160	12.5*150	230	350	A	500
6162335	175	12.5*165	230	350	A	500
7152335	160	12.5*150	230	350	B	500
7162335	175	12.5*165	230	350	B	500

Note: Those dates are for reference only.



Pellet stove using a pot burner combustion system



Warranty

WE offer 1 year warranty for all our pellet igniters. And will replace the failed heaters due to a defective design and production during the warranties.

Certifications

