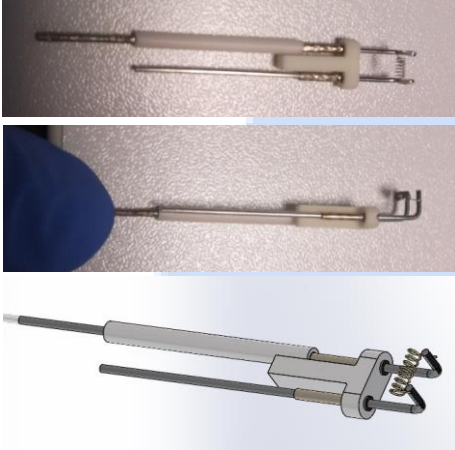
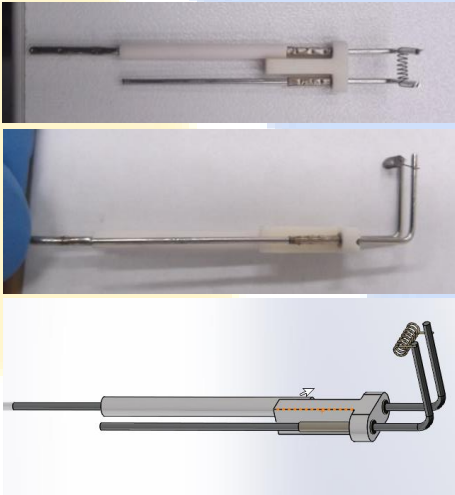
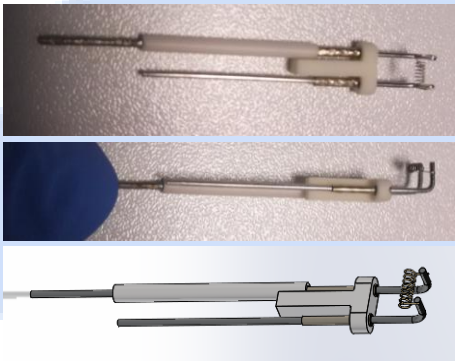

Table 1: Instruments 2011 onwards

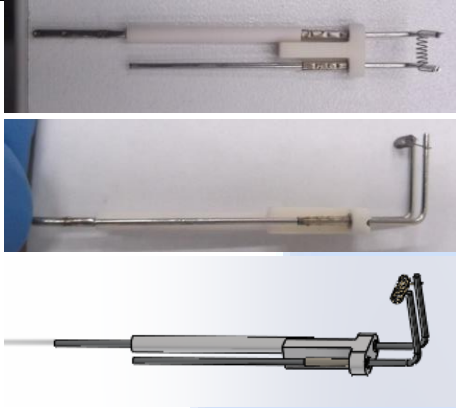
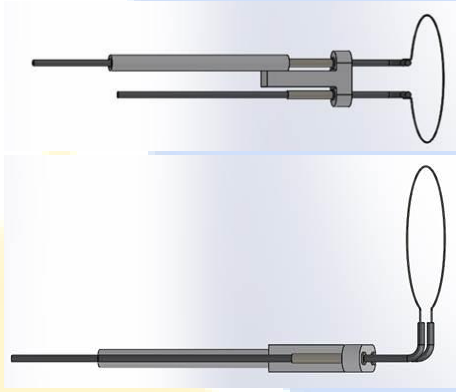

	QUAD-HP (left leg long)	QUAD-EV (right leg long)	M-EV (both legs long)
Short ThW	MM-02-0187P-B	MM-02-0189P-B	MM-02-0190P-B
Short Thlr	MM-02-0192P-B	MM-02-0194P-B	MM-02-0195P-A
Short Ylr		MM-02-0269P-A	
Short W		MM-02-0270P-A	
Long ThW	MM-02-0188P-B		MM-02-0191P-B
Long Thlr	MM-02-0193P-A		MM-02-0196P-A
Circular ThW	MM-02-0201P-A		MM-02-0199P-B
Circular ThW (small)	MM-02-0241P-A	MM-02-0200P-A	
MGC			

Table 2: Instruments 2011 and earlier

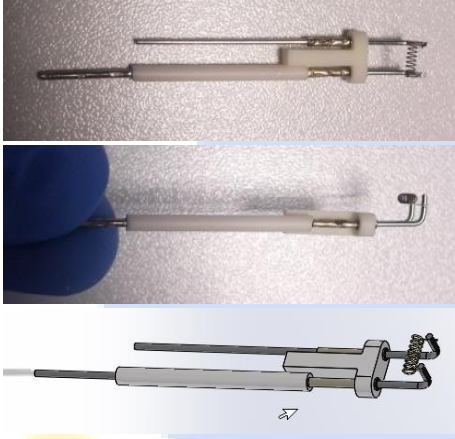
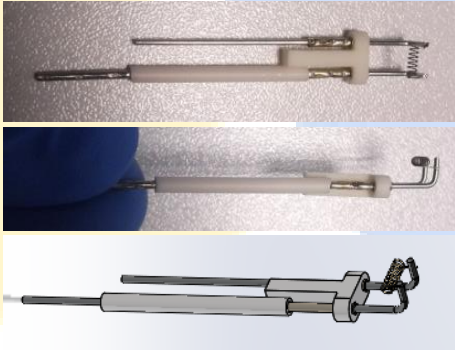
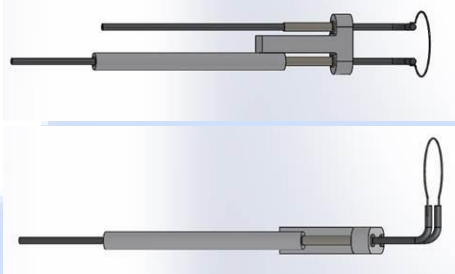
	QUAD-HP	QUAD-EV	M-EV
Short ThW	MM-02-0190P-A	MM-02-0190P-A	
Short Thlr	MM-02-0195P-A	MM-02-0195P-A	
Long ThW	MM-02-0191P-A	MM-02-0191P-A	
Long Thlr	MM-02-0196P-A	MM-02-0196P-A	
Circular ThW	MM-02-0199P-A	MM-02-0199P-A	
Circular ThW (small)		MM-02-0229P-A	
MGC			

MANTIS QUAD-HP (4 pocket 1cc, mounted on NW63CF flange) -2011 and onwards

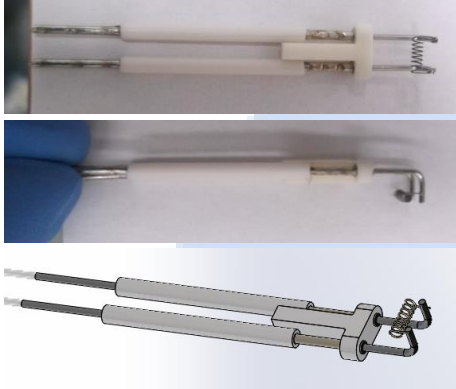
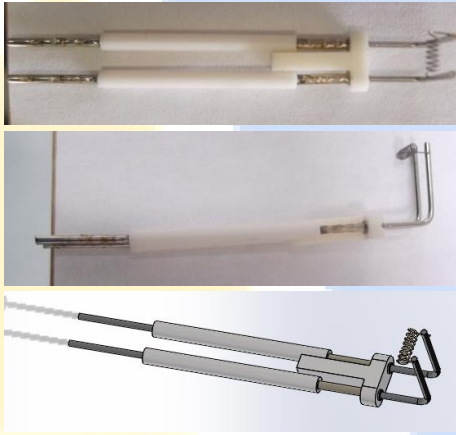
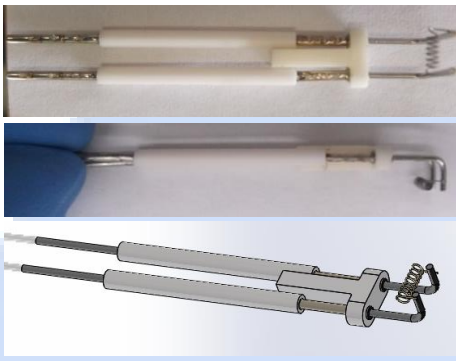
Part number	Description	Used on	Used for
MM-02-0187P-B	QUAD-HP - Short ThW 	QUAD-HP Current model Left Leg Long	Crucibles
MM-02-0188P-B	QUAD-HP - Long ThW 	QUAD-HP Current Left Leg Long	Rods
MM-02-0192P-A	QUAD-HP - Short Thlr 	QUAD-HP Current model Left Leg long	Crucibles
MM-02-0193P-A	QUAD-HP - Long Thlr	QUAD-HP Current	model when evaporating rods

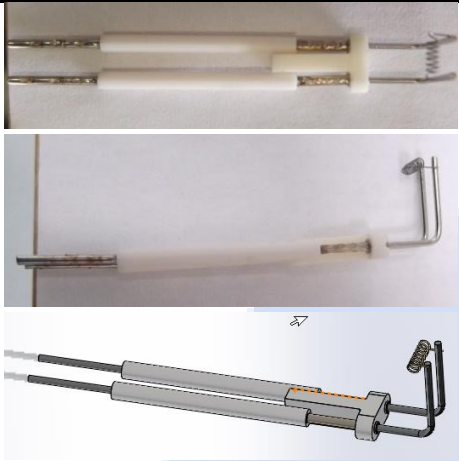
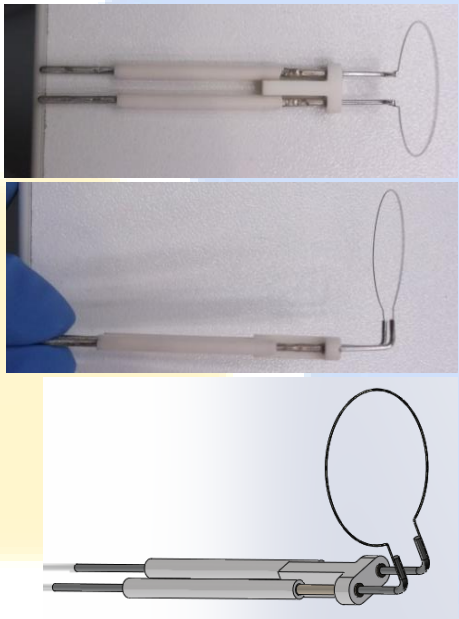
		<p>Left Leg Long</p>	
<p>MM-02-0201P-A</p>	<p>QUAD-HP – Circular ThW</p> 	<p>QUAD-HP Current model</p> <p>Left Leg long</p>	<p>Evaporating high Mpt materials, ie. Tungsten</p>
<p>MM-02-0241P-A</p>	<p>QUAD-HP - Circular ThW (4mm rod)</p> 	<p>QUAD-HP Current model</p> <p>Left Leg long</p>	<p>Evaporating high Mpt materials, ie. Tungsten</p>

MANTIS QUAD-EV (4 pocket 390mm3, mounted on NW35CF) – 2011 onwards


Part number	Description	Used on	Used for
MM-02-0189P-B	<p>QUAD-EV - Short ThW</p> 	<p>QUAD-EV Current model</p> <p>Right Leg Long</p>	Crucibles
MM-02-0194P-B	<p>QUAD-EV - Short Thlr</p> 	<p>QUAD-EV Current model</p> <p>Right leg long</p>	Crucibles
MM-02-0200P-A	<p>QUAD-EV – Circular ThW</p> 	<p>QUAD-EV Current model</p> <p>Right leg long</p>	Evaporating high Mpt materials, ie. Tungsten

MANTIS M-EV (single pocket 1cc, mounted on NW35CF) – 2011 onwards

Part number	Description	Used on	Used for
MM-02-0190P-B	<p>M-EV - Short ThW</p> 	<p>M-EV Current model, Early models QUAD HP and QUAD-EV</p> <p>Both legs long</p>	Crucibles
MM-02-0191P-A	<p>M-EV - Long ThW</p> 	<p>M-EV Current model, Early models QUAD HP and QUAD-EV</p> <p>Both legs long</p>	Rods
MM-02-0195P-A	<p>M-EV - Short Thlr</p> 	<p>M-EV Current model, Early models QUAD HP and QUAD-EV</p> <p>Both legs long</p>	crucibles
MM-02-0196P-A	<p>M-EV - Long Thlr</p>	<p>M-EV Current model, Early models QUAD HP and QUAD-EV, when evaporating rods</p>	rods

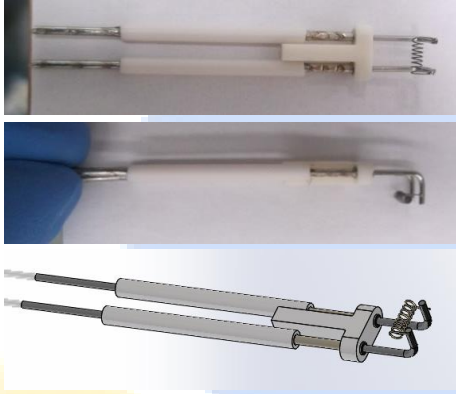

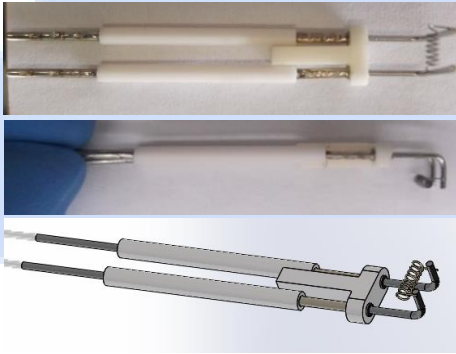
		<p>Both legs long</p>	
<p>MM-02-0199P-A</p>	<p>M-EV - Circular ThW</p> 	<p>M-EV Current model, Early models QUAD HP and QUAD-EV, when evaporating crucibles</p> <p>Both legs long</p>	<p>Current MeV, Used when evaporating high Mpt rods, ie. Tungsten</p>

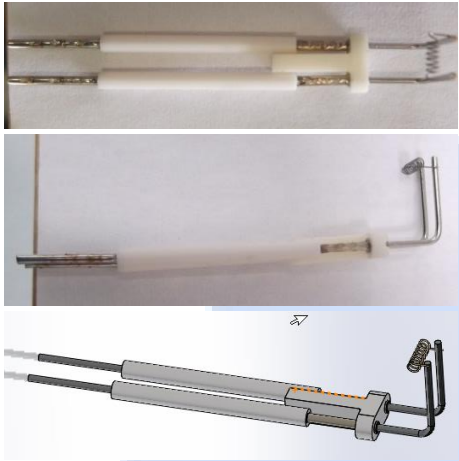
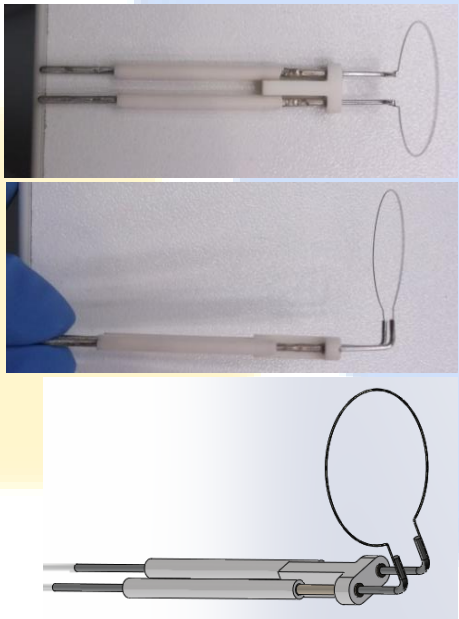
MANTIS MGC-75 gas cracker filament – 2011 onwards

Part number	Description	Used on	Used for
MM-03-0004A-C	<p data-bbox="619 383 724 412">MGC75</p> 	<p data-bbox="979 383 1155 412">Current MGC75</p> <p data-bbox="979 510 1155 539">No legs are cut</p> <p data-bbox="967 573 1168 640">leg lengths match drawing</p>	

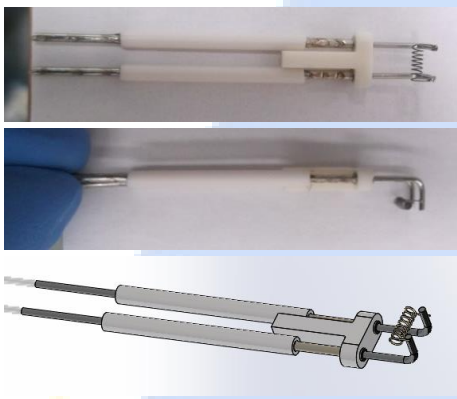
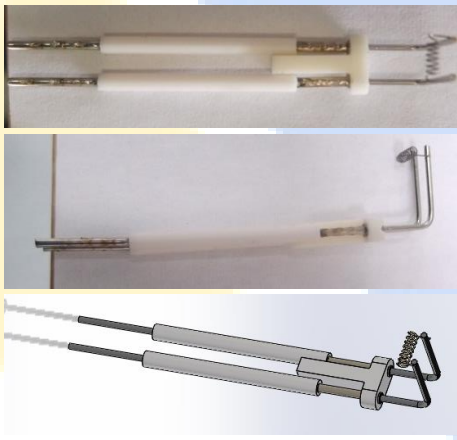
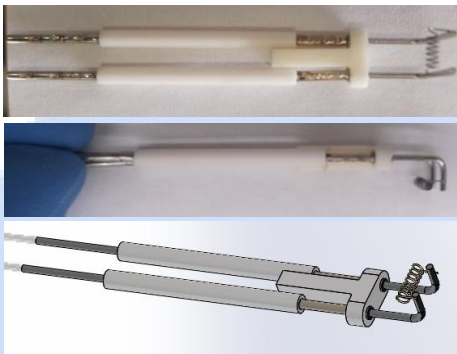
2011 and older sources

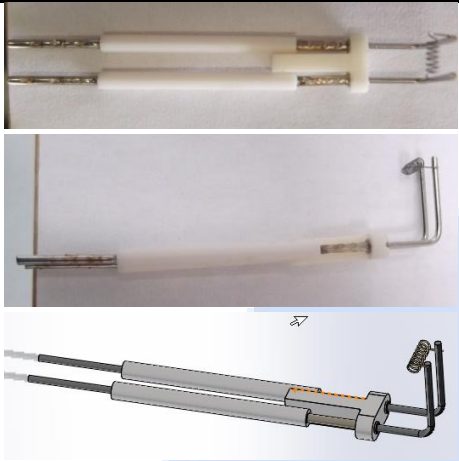
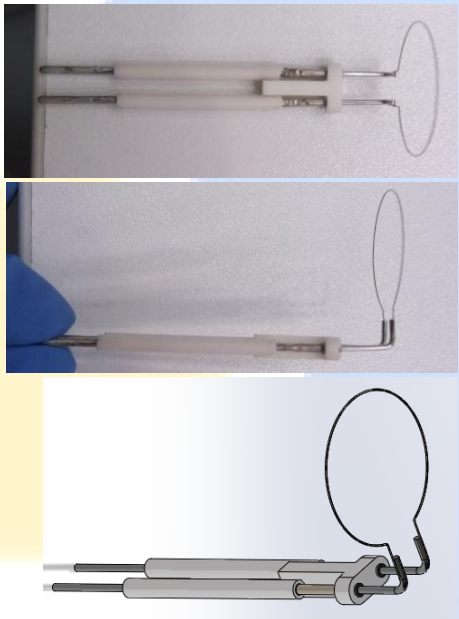
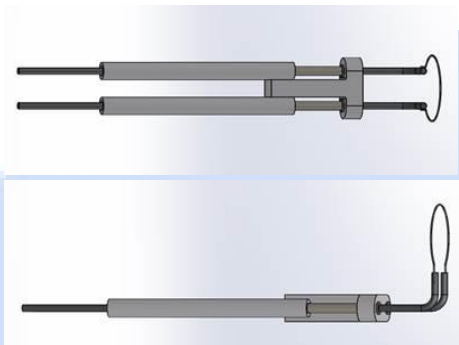
MANTIS QUAD-HP (4 pocket 1cc, mounted on NW63CF) – 2011 and older

Part number	Description	Used on	Used for
MM-02-0190P-A	<p>Old QUAD HP - Short ThW</p> 	<p>M-EV Current model, Early models QUAD HP and QUAD-EV</p> <p>No Legs are Cut</p>	Crucibles
MM-02-0191P-A	<p>Old QUAD HP - Long ThW</p> 	<p>M-EV Current model, Early models QUAD HP and QUAD-EV</p> <p>No Legs are Cut</p>	Rods
MM-02-0195P-A	<p>Old QUAD HP - Short Thr</p> 	<p>M-EV Current model Early models QUAD HP and QUAD-EV</p> <p>No Legs are Cut</p>	Crucibles

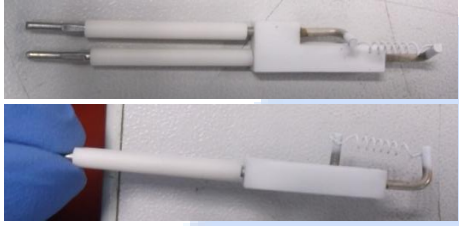
<p>MM-02-0196P-A</p>	<p>Old QUAD HP - Long Thlr</p> 	<p>M-EV Current model</p> <p>Early models QUAD HP and QUAD-EV, when evaporating rods</p> <p>No Legs are Cut</p>	<p>Rods</p>
<p>MM-02-0199P-A</p>	<p>Old QUAD HP - Circular ThW</p> 	<p>M-EV Current model</p> <p>Early models QUAD HP and QUAD-EV, when evaporating crucibles</p> <p>No Legs are Cut</p>	<p>Crucibles</p>

MANTIS QUAD-EV (4 pocket 390mm3, mounted on NW35CF) – 2011 and older

Part number	Description	Used on	Used for
MM-02-0190P-A	<p>Old QUAD EV - Short ThW</p> 	<p>M-EV Current model,</p> <p>Early models QUAD HP and QUAD-EV</p> <p>No Legs are Cut</p>	Crucibles
MM-02-0191P-A	<p>Old QUAD EV - Long ThW</p> 	<p>M-EV Current model,</p> <p>Early models QUAD HP and QUAD-EV</p> <p>No Legs are Cut</p>	Rods
MM-02-0195P-A	<p>Old QUAD EV - Short Thlr</p> 	<p>M-EV Current model</p> <p>Early models QUAD HP and QUAD-EV</p> <p>No Legs are Cut</p>	Crucibles
MM-02-0196P-A	<p>Old QUAD EV - Long Thlr</p>	<p>M-EV Current model</p> <p>Early models QUAD HP and QUAD-EV,</p>	Rods

		<p>when evaporating rods</p> <p>No Legs are Cut</p>	
<p>MM-02-0199P-A</p>	<p>Old QUAD EV - Circular ThW</p> 	<p>M-EV Current model</p> <p>Early models QUAD HP and QUAD-EV, when evaporating crucibles</p> <p>No Legs are Cut</p>	<p>Crucibles</p>
<p>MM-02-0229P-A</p>	<p>Old QUAD-EV - Circular ThW</p> 	<p>Early models of QUAD EV (cr2 size crucibles)</p> <p>NO legs are cut</p>	

MANTIS MGC75 gas cracker – 2011 and older

Part number	Description	Used on	Used for
MM-03-0035A-A	Old MGC75 	Old style MGC75 instrument No legs are cut	