








Order #	Description	
9210MkII-000	<p>USS-9210MkII complete system (can operate soldering tip diameters 1 - 5mm)</p> <p>Microprocessor controlled Ultrasonic Soldering System complete with 15W standard hand tool (9200-101) including 3mm soldering tip, tool-stand, foot-switch, connecting cable, users manual and a sample set of all available Cerasolzer active solder alloy</p> <p><i>> This system is prepared for the upgrade for operation with hot gas function for increased heat supply to the substrate. Picture shows USS-9210MkII upgraded with ASC-9000 and 9200-107). Upgrade if required at a later stage.</i></p>	 
9210MkII AIR	<p>USS-9210MkII AIR complete system Ultrasonic soldering controller including air control system for hot blow function (can operate soldering tip diameters 1 - 5mm)</p> <p>Microprocessor controlled Ultrasonic Soldering System complete with 15W air flooded hand tool (9200-107) including 3mm soldering tip, safety-tool-stand, foot-switch, connecting cable, users manual and a sample set of all available Cerasolzer active solder alloy.</p> <p>Including functions of ASC-9000:</p> <ul style="list-style-type: none"> - pressure reducer from shop air to 2 bar - electrical air valve to switch the air on and off - adjustable air-flow meter 1 - 5 ltr/min. 	
15W Soldering Hand Tools and Robot Head		
9200-101	15W standard ultrasonic hand tool (plastic moulding) incl. soldering tip at your choice 1mm - 5mm. Without connecting cable	
9200-106	15W ultrasonic soldering hand-tool with compressed air fitting for cooling of the vibration unit only, incl. soldering tip at your choice 1mm - 5mm. Diameter of tube air hose 4mm. Without connecting cable. (We recommend to use with ASC9000 air supply controller)	
9200-107	15W ultrasonic soldering hand-tool with compressed air fitting for cooling of vibration unit <u>and</u> enhanced heating of tip, incl. airtight heater holder for hot blow function and soldering tip at your choice 1mm - 5mm. Diameter of tube air hose 4mm. Without connecting cable (We recommend to use with ASC9000 air supply controller)	<p>1: 9200-101 2: 9200-106 3: 9200-107</p>

Order #	Description	
9200-127	<p>15W robot soldering head, aluminum housing, SLIM version with compressed air fitting for cooling the vibration unit and enhanced heating of soldering tip incl. airtight heater holder for hot blow function, and soldering tip at your choice 1mm - 5 mm Diameter of tube air hose 4mm, diameter of main body \varnothing 27mm, Diameter mount area \varnothing 22mm. without connecting cable. (We recommend to use with ASC9000 air supply controller).</p>	
Soldering Tips		
9200-2010	Soldering tip \varnothing 1mm	for 15W operated hand tool / soldering head
9200-2020	Soldering tip \varnothing 2mm	for 15W operated hand tool / soldering head
9200-2030	Soldering tip \varnothing 3mm	for 15W operated hand tool / soldering head
9200-2040	Soldering tip \varnothing 4mm	for 15W operated hand tool / soldering head
9200-2050	Soldering tip \varnothing 5mm	for 15W operated hand tool / soldering head
9200-2xxS	Special soldering tip / customised shape	for 15W operated hand tool / soldering head
Spare Parts & Accessories		
9200-3010	Ceramic heater 24V/100W (red isolating tubes)	For 15 W operated hand tool / soldering head
9200-302	Heater holder	
9200-303	Screw for heater holder	
9200-310	Hand tool cable 1.5m	
9200-311	Hand tool cable 1.5m with silicon heat protection	
9200-315	Hand tool cable 1.5m for finger trigger attachment	
9200-320	Foot-switch with 2m cable and connector	
9200-330	Separate tool stand for 15W operated hand tool	
9200-331	Sponge for tool stand 9200-330	
9200-335	Safety tool stand for 15W operated hand tool with hot gas function (9200-106 + 9200-107)	
9200-903	<p>Finger trigger for finger-tip activation of ultrasonic power (instead of foot switch)</p> <p>> fits to soldering tools 9200-101 , 9200-106 and 9200-107</p>	 
9200-315	Special connecting cable 1.5m for hand tool finger trigger attachment	

USS-9210MkII - Ultrasonic Soldering System

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9200-904	<p>Pistol hand grip attachment</p> <p>For activation of the ultrasonic activity by trigger switch in the pistol grip (instead of foot switch) > fits to soldering tools 9200-101, 9200-106 and 9200-107</p>	
9200-316	<p>Special connecting cable 1.5m for hand tools with pistol handgrip attachment</p>	
1900-9000	<p>Air Supply Controller ASC-9000 for defined air stream to soldering head.</p> <p>Including</p> <ul style="list-style-type: none"> - pressure reducer from shop air to 2 bar - electrical air valve to switch the air on and off - adjustable air-flow meter 1 - 5 ltr/min. <p>> recommended for operation of soldering hand tools 9200-107 and robot soldering heads 9200-127 for hot blow function.</p> <p>As an option, an external air pump can also be connected.</p>	 <p style="text-align: center;">ASC-9000 back + front view</p>