

Pottery Equipment

Kilns

Fireworker Kilns



Fireworker kilns are supplied complete with a controller and thermo-couple, and benefit from an additional protection relay for extra security. The controller connects to the kiln via a Harting socket which offers flexibility for installation. The kilns feature sturdy brick construction with brick door seals within a powder-coated steel chassis. An adjustable-clasp door lock provides security and efficient sealing during firing. The kilns use high grade Kanthal A1 spiral wound elements for long life and energy efficiency. Elements are located in traditional grooves on both the side walls and the floor of the kiln. This allows uniform heat distribution throughout the chamber. In addition the elements are graded from top to bottom, further aiding even temperature distribution.

Fireworker kilns can be bench-mounted provided that the bench has been fireproofed. Alternatively, a sturdy and convenient stand has been developed especially for the fireworker kilns (as shown above). The stand has a built in shelf and the dimensions are 660(W) x 670(D) x 720(H)mm.

Specifications	P5910	P5911
Firing Capacity:	50 litres (1.77cu/ft)	68 litres (2.40cu/ft)
Max Temp:	1300°C	
Power:	4.5kW	5.5kW
Weight:	85kg	97kg
Chamber Dimensions:	400(W) x 380(D) x 350(H) mm	400(W) x 380(D) x 460(H) mm
External Dimensions:	640(W) x 680(D) x 700(H) mm	640(W) x 680(D) x 820(H) mm
Power Requirements:	240V 20A Fused switch-disconnector	240V 30A Fused switch-disconnector
Warranty:	UK Mainland: 3 Years On-Site Elsewhere: 3 Years Return and Collect	

Prices £*	*See Pricing Information on page 2	
AR-KILN26	P5910 Fireworker 50 litre (inc controller & furniture set)	
AR-KILN27	P5911 Fireworker 68 litre (inc controller & furniture set)	
AR-KILN27B	Stand suitable for kilns AR-KILN26/27	
AR-KILNC10UP	Controller upgrade from CERA-2 (2 programs, 3 segments) to CERA-10 (10 programs, 10 segments) - see page 137.	

Heatworker Kilns



Heatworker kilns have similar features and equipment to the smaller Fireworker models and will probably meet the capacity requirements of most schools and colleges with a busy pottery section.

Heatworker kilns achieve excellent energy efficiency by using durable low thermal-mass insulation brick and high grade backup insulation board to form the chamber. Durability and protection is ensured with a robust pressed-steel powder-coated frame and stainless steel surrounds. Heavy duty spiral wound elements are used to heat the kiln. These elements are tube-mounted for optimum efficiency on both the side walls and floor of the kiln, to allow uniform heat distribution throughout the chamber. In addition, elements are graded from top to bottom to further aid even temperature distribution within the kiln.

Specifications	P5941	P5942	P5943
Firing Capacity:	86 litres (3.04cu/ft)	128 litres (4.52cu/ft)	171 litres (6.04cu/ft)
Max Temp:	1300°C		
Power:	6kW	7.5kW	9kW
Weight:	240kg	270kg	315kg
Chamber Dimensions:	410(W) x 380(D) x 560(H)mm	410(W) x 450(D) x 680(H)mm	410(W) x 550(D) x 730(H)mm
External Dimensions:	760(W) x 860(D) x 1450(H)mm	760(W) x 1000(D) x 1560(H)mm	760(W) x 1000(D) x 1650(H)mm
Power Requirements:	415V 15A or 240V 30A, Fs-d	415V 15A or 240V 40A Fused switch-disconnector	
Warranty:	UK Mainland: 3 Years On-Site Elsewhere: 3 Years Return and Collect		

Prices £*	*See Pricing Information on page 2	
AR-KILN14	P5941 Heatworker 86 litre (inc controller & furniture set)	
AR-KILN15	P5942 Heatworker 128 litre (inc controller & furniture set)	
AR-KILN16	P5943 Heatworker 171 litre (inc controller & furniture set)	
AR-KILN14C	Zintec Hood & Mounting Brackets for AR-KILN14	
AR-KILN15C	Zintec Hood & Mounting Brackets for AR-KILN15	
AR-KILN16C	Zintec Hood & Mounting Brackets for AR-KILN16	
AR-KILNC10UP	Controller upgrade from CERA-2 (2 programs, 3 segments) to CERA-10 (10 programs, 10 segments) - see page 137	

Lightmaster Kilns



Lightmaster kilns share the same features and build-quality of the Heatworker and Firemaster models and will be ideal for schools and colleges requiring a traditional front loading kiln with significantly enhanced capacity.

The kilns are constructed of durable low thermal mass insulation brick with two high grade backup insulation boards. Durability and protection is ensured with a robust pressed-steel powder-coated frame and stainless steel surrounds. Heavy duty Kanthal A1 spiral wound elements are used to heat the kiln. These elements are mounted in grooves on both the side walls and floor of the kiln, to allow uniform heat distribution throughout the chamber. In addition, elements are graded from top to bottom to further aid even temperature distribution within the kiln. The kilns have adjustable clasp door locks fitted and stainless steel surrounds. They also have brick to brick door seals and type 'R' thermocouples as standard fittings. The kilns are energy efficient and have a roof and door vent for use during firing and to aid cooling.

Specifications	P5120	P5121
Firing Capacity:	210 litres (7.42cu/ft)	250 litres (8.83cu/ft)
Max Temp:	1300°C	
Power:	11kW	13kW
Weight:	310kg	330kg
Chamber Dimensions:	450(W) x 630(D) x 730(H) mm	450(W) x 630(D) x 860(H) mm
External Dimensions:	760(W) x 1030(D) x 1580(H)mm	760(W) x 1030(D) x 1580(H)mm
Power Requirements:	415V 20A or 240V 50A Fused switch-disconnector	415V 20A or 240V 63A Fused switch-disconnector
Warranty:	UK Mainland: 3 Years On-Site Elsewhere: 3 Years Return and Collect	

Prices £*	*See Pricing Information on page 2	
AR-KILN17	P5120 Lightmaster 210 litre (inc controller & furniture set)	
AR-KILN18	P5121 Lightmaster 250 litre (inc controller & furniture set)	
AR-KILN17C	Zintec Hood & Mounting Brackets for AR-KILN17/18	
AR-KILNC10UP	Controller upgrade from CERA-2 (2 programs, 3 segments) to CERA-10 (10 programs, 10 segments) - see opposite.	

Ceramaster Kilns



The Ceramaster is a semi-industrial kiln and ideal for schools and colleges needing a large capacity kiln for a busy full-time ceramics studio.

The kilns are constructed of a durable low thermal mass insulation brick with a high grade backup insulation board. The roof is of flat arch construction, again with two layers of backup insulation. This is all enclosed within a robust high quality pressed steel powder coated frame. Heavy duty spiral wound elements are tube mounted for optimum efficiency and sited on both side walls and floor of the kiln for even heat distribution. All kilns in the Ceramaster range are now fitted with a manual damper as standard.

Specifications	P5229	P5231	P5233
Firing Capacity:	235 litres (8.3cu/ft)	325 litres (11.5cu/ft)	505 litres (17.8cu/ft)
Max Temp:	1300°C		
Power:	13kW	18kW	26.5kW
Weight:	370kg	450kg	540kg
Chamber Dimensions:	610(W) x 610(D) x 630(H)mm	610(W) x 610(D) x 860(H)mm	610(W) x 840(D) x 980(H)mm
External Dimensions:	950(W) x 1050(D) x 1570(H)mm	950(W) x 1050(D) x 1600(H)mm	950(W) x 1280(D) x 1800(H)mm
Power Requirements:	415V 20A or 240V 63A, Fused switch-disconnector	415V 30A Fused switch-disconnector	415V 45A Fused switch-disconnector
Warranty:	UK Mainland: 3 Years On-Site Elsewhere: 3 Years Return and Collect		

Prices £*	*See Pricing Information on page 2	
AR-KILN33	P5229 CeraMaster 235 litre (inc controller & furniture set)	
AR-KILN35	P5231 CeraMaster 325 litre (inc controller & furniture set)	
AR-KILN37	P5233 CeraMaster 505 litre (inc controller & furniture set)	
AR-KILN33C	Kiln Canopy for AR-KILN33	
AR-KILN35C	Kiln Canopy for AR-KILN35	
AR-KILN37C	Kiln Canopy for AR-KILN37	
AR-KILNC10UP	Controller upgrade from CERA-2 (2 programs, 3 segments) to CERA-10 (10 programs, 10 segments) - see below	

Kiln Controllers

The CERA-2 controller is supplied as standard with each kiln. It has two programs, each with three segments - delay start, three heating/cooling ramps, soak, cut-off and program pause. It is a straight forward controller for pottery firing where usually two programs are used. Having three ramps allows for a warming or a cooling phase in the program.

An upgrade option is available to the CERA-10 controller at time of purchase of the kiln. The CERA-10 controller has ten programs, each with ten segments - delay start, ten heating/cooling ramps, a target temperature, soak, cut-off and program pause. This advanced controller is ideal for firing where a range of programs are frequently used. The CERA-10 can be used for any firing requiring close control over multiple heating and cooling ramps such as macro crystal glazes and for glass slumping and fusing.

Pottery Equipment

Kilns / Spraybooth

Top Loading Kilns



Topworker kilns are built to achieve professional standards of firing control and efficiency, but are of compact design to make them ideal for schools and colleges. They are constructed of a low thermal mass 76mm thick insulation brick with a 25mm backup insulation, which is then enclosed within a stainless steel outer jacket. The kilns are fitted with castors (two braked) for easy movement, and two or three bung holes to assist with venting of the kiln and cooling. All the kilns are fitted with a Harting socket for flexible controller connection. For extra security, lids are fitted with a quick-release lock and have padlock provision.

Specifications	P5975	P5959
Firing Capacity:	79 litres (2.79cu/ft)	187 litres (6.61cu/ft)
Max Temp:	1300°C	
Power:	6.5kW	12kW
Weight:	88kg	140kg
Chamber Dims:	468dia. x 457(H)mm	646dia. x 571(H)mm
External Dimensions:	660dia. x 877(H)mm	838dia. x 991(H)mm
Power Requirements:	415V 10A or 240V 32A Fused switch-disconnector	415V 20A or 240V 63A Fused switch-disconnector
Warranty:	UK Mainland: 3 Years On-Site Elsewhere: 3 Years Return and Collect	

Prices £*		*See Pricing Information on page 2
AR-KILN19	P5975 Topworker 79 litre (inc controller & furniture set)	
AR-KILN22	P5959 Topworker 176 litre (inc controller & furniture set)	
AR-KILN19C	Extraction hood for AR-KILN19	
AR-KILN22C	Extraction hood for AR-KILN22	
AR-KILN10UP	Controller upgrade from CERA-2 (2 programs, 3 segments) to CERA-10 (10 programs, 10 segments) - see page 137	

Test Kiln



This is a small kiln designed for test firing clays and glazes without having to fire a large kiln. The kiln comes with a controller and full kiln furniture set. It can be bench mounted provided the work surface is fireproof.

Specification	
Firing Capacity Ltrs (cu/ft):	9 litres (0.32 cu/ft)
Max Temp:	1300°C
Power:	2.5kW
Weight:	50kg
Chamber Dimensions:	180(W) x 230(D) x 230(H)mm
External Dimensions:	350(W) x 490(D) x 450(H)mm
Power Requirements:	240V 13A, 13A Socket
Warranty:	UK Mainland: 3 Years On-Site Elsewhere: 3 Years Return and Collect

Prices £*		*See Pricing Information on page 2
AR-KILN32	P5900 Test Kiln 9 Litres (inc controller & furniture set)	
AR-KILN27B	Stand for AR-KILN32	
AR-KILN32C	Kiln Canopy for AR-KILN32	

Wetback Spraybooth with Stand

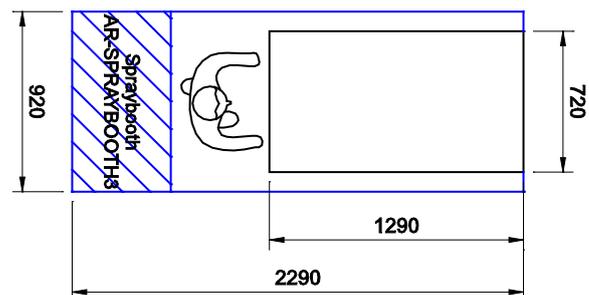


Designed to enable glazes to be applied by spray in safety, but also offers the chance to re-cycle 'overspray' material. The unit uses a continuous water curtain of recycling water and a powerful fan to trap overspray. Most of the solid particles are trapped by the water. The particles that escape then get trapped by a series of two filters, a washable stainless steel filter, followed by a washable filter bag. The material trapped by the water can be reclaimed by allowing it first to settle, and then siphoning off the water. It is not possible to separate different colours or types of glazes from the sediment but, with careful management, this ingenious spray booth offers not only a safe working environment but an economical means to apply valuable glaze material by spray gun.

Specification	
Fan:	2000CFM
Air extraction:	250 cu. ft/min
Working Depth:	350mm
Weight:	118kg approx
Hood Internal Dimensions:	625(W) x 420(D) x 638(H)mm
Dimensions External:	720(W) x 1290(D) x 1655(H)mm
Power Requirements:	240V 6.8A, 13A Socket
Warranty:	UK Mainland: 1 Year Return to Base Elsewhere: 1 Year Return and Collect

CAD Drawing (with Safe Working Area)

Available in DXF / DWG & 2D Design formats. See page 10.



Prices £*		*See Pricing Information on page 2
AR-SPRAYBOOTH3	Wetback Spraybooth with Stand Must be plumbed in.	