



The Quality Choice



PRODUCT CATALOGUE

Mitre Welding Ovens



OUR HISTORY

Established in London in 1973 and now located in new premises in Staffordshire, our company is focused in engineering and manufacturing a wide range of Portable Quivers, Keeping/Baking Rod Ovens and Flux Ovens.

ABOUT OUR RANGE

Our large range of Welding Ovens covers all requirements and applications, with ovens ranging in capacity from 7 to 650kg of welding rods. Our experience and knowledge allows us to engineer and manufacture bespoke ovens to cater for all special requirements on demand.

We can also supply unbranded/personalised Rod and Flux Ovens with customer labels if required.

We hold a large stock of most items in our range, enabling quick lead times and customer satisfaction.

Our philosophy is to offer the best quality on the market, our 3D design techniques and state-of-the-art manufacturing aim to provide well engineered solutions to all your welding needs.

All of our Welding Ovens are Made in UK and are CE and UKCA marked.

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PORTABLE QUIVERS

HQ6 - AIR INSULATED QUIVER

Lightweight, portable, double chamber rod oven.
6 Kg capacity, fixed temperature 110°C



TECHNICAL SPECIFICATION	
Capacity	6kg
Basket for Rods	No
Temperature	110°C
Set points	Fixed Temperature
Thermometer	No
Neon Switch	Optional
Voltage	24VAC, 48/85VDC, 110VAC, 240VAC
Temperature Light	No
Output	0,15 kW
Ext Dims	(140 x 135 x 530mm)
Int Dims	(73 x 73 x 430mm)
Weight	3kg
Calibration	No

IQ8 - AIR INSULATED QUIVER

Portable welding rod oven with double chamber
7 Kg capacity, adjustable temperature 50–200° C



TECHNICAL SPECIFICATION	
Capacity	7kg
Basket for Rods	Included
Temperature	50–200°C
Set points	Adjustable
Thermometer	Optional
Neon Switch	No
Voltage	24VAC, 48/85VDC, 110VAC, 240VAC
Temperature Light	Yes
Output	0,3 kW
Ext Dims	(165 x 200 x 630mm)
Int Dims	(73 x 93 x 473mm)
Weight	5,5kg
Calibration	Optional

PORTABLE QUIVERS

IQ15 - AIR INSULATED QUIVER

Portable welding rod oven with double chamber.
11 Kg capacity, adjustable temperature 50–200° C



TECHNICAL SPECIFICATION	
Capacity	11kg
Basket for Rods	Included
Temperature	50–200°C
Set points	Adjustable
Thermometer	Optional
Neon Switch	No
Voltage	24VAC, 48/85VDC, 110VAC, 240VAC
Temperature Light	Yes
Output	0,3 kW
Ext Dims	(206 x 243 x 630mm)
Int Dims	(110 x 130 x 460mm)
Weight	7,5kg
Calibration	Optional

P04 - THERMOSTATICALLY INSULATED QUIVER

High temperature, portable welding rod oven
15 Kg capacity, adjustable temperature 50–320° C



TECHNICAL SPECIFICATION	
Capacity	15kg
Basket for Rods	No
Temperature	50–320°C
Set points	Adjustable
Thermometer	No
Neon Switch	No
Voltage	Dual Voltage 110/240VAC
Temperature Light	Yes
Output	0,3 kW
Ext Dims	(175 x 260 x 610mm)
Int Dims	(121 x 115 x 460mm)
Weight	7,5kg
Calibration	Optional

STATIONARY OVENS



S50

Semi-Portable, Thermostatically Controlled Drying/Baking Rod Oven
50 Kg capacity,
Temperature 50-320° C thermostat



S06

Thermostatically Controlled, Stationary Drying/Baking Rod Oven
150 Kg capacity,
Temperature 50-320° C thermostat



S50-S

Semi-Portable, Digitally Controlled Drying/Baking Rod Oven
50 Kg capacity,
Temperature ambient-400° C digital



SD6

Digitally Controlled, Stationary Drying/Baking Rod Oven
150 Kg capacity
Temperature ambient-320° C digital

MODEL	S50 Thermostatically Controlled Drying Oven	S50-S Digitally Controlled Drying Oven	S06 Thermostatically Controlled Stationary Oven	SD6 Digitally Controlled Stationary Oven
Capacity	50kg	50kg	150kg	150kg
Temperature	50-320°C Thermostat	ambient-400° C Digital	50-320°C Thermostat	ambient-320° C Digital
Digital Display	No	Yes	No	Yes
Set Points	Adjustable	Single / Adjustable	Adjustable	Single / Adjustable
Neon Switch	No	Yes	No	Yes
Voltage	110VAC, 240VAC	110VAC, 240VAC	110VAC, 240VAC	110VAC, 240VAC
Output	0,75 kW	1,05 kW	1,5 kW	1,5 kW
Ext Dims	(330x410x550mm)	(330x410x550mm)	(530x620x620mm)	(530x620x620mm)
Int Dims	(250x250x480mm)	(250x250x480mm)	(470x470x480mm)	(470x470x480mm)
Weight	18 kg	18 kg	39 kg	39 kg
Calibration	Optional	Included as Standard	Optional	Included as Standard

STATIONARY OVENS



SH5-MK1

Digitally Controlled,
Stationary Drying/Baking Rod Oven
150 Kg capacity
Temperature ambient-400° C
digital



HT3

Digitally Controlled,
Stationary Baking Rod Oven
150 Kg capacity
Temperature ambient-500° C
digital



HT5

Digitally Controlled,
Stationary Baking Rod Oven
200 Kg capacity
Temperature ambient-500° C
digital

MODEL	SH5-MK1 Digital Thermostat Controlled Drying/ Baking Oven	HT3 Digitally Controlled Baking Oven	HT5 Digitally Controlled Baking Rod Oven
Capacity	150kg	150kg	200kg
Temperature	ambient-400° C Digital	ambient-500° C Digital	ambient-500° C Digital
Digital Display	Yes	Yes	Yes
Data Logger	No	No	No
Delay Timer	No	No	No
Set Points	Single / Adjustable	Single / Adjustable	Single / Adjustable
Hold Cycle	Yes	Optional	Optional
Neon Switch	Yes	Yes	Yes
Voltage	110VAC, 240VAC	110VAC, 240VAC	110VAC, 240VAC, 380VAC
Output	2,25 kW	3 kW	4,5 kW, 3 kW
Ext Dims	(530 x 620 x 620mm)	(600 x 760 x 685mm)	(575 x 675 x 885mm)
Int Dims	(470 x 470 x 480mm)	(470 x 470 x 480mm)	(465 x 480 x 580mm)
Weight	39kg	69kg	75kg
Calibration	Included as standard	Included as standard	Included as standard

STATIONARY OVENS

SDM22 - STATIONARY DIGITAL VENTILATED ROD OVEN

Digitally controlled, stationary drying/baking ventilated rod oven
225 Kg capacity, temperature ambient-400° C digital



TECHNICAL SPECIFICATION	
Capacity	225kg
Temperature	ambient-400° C
Thermometer	Digital
Voltage	380VAC
Output	4,7 kW
Ext Dims	(880 x 760 x 1030mm)
Int Dims	(740 x 530 x 470mm)
Weight	155kg
Calibration	Included as standard

SDM22E - STATIONARY DIGITAL STATIC ROD OVEN

Digitally controlled, stationary drying/baking static rod oven
225 Kg capacity, temperature ambient-400° C digital



TECHNICAL SPECIFICATION	
Capacity	225kg
Temperature	ambient-400° C
Thermometer	Digital
Voltage	380VAC
Output	4,7 kW
Ext Dims	(880 x 760 x 1030mm)
Int Dims	(740 x 530 x 470mm)
Weight	152kg
Calibration	Included as standard

STATIONARY OVENS

SDM45 - STATIONARY DIGITAL VENTILATED ROD OVEN

Digitally controlled, stationary drying/baking ventilated rod oven
450 Kg capacity, temperature ambient-400° C digital



TECHNICAL SPECIFICATION

Capacity	450kg
Temperature	ambient-400° C
Thermometer	Digital
Voltage	380VAC
Output	9,4 kW
Ext Dims	(880 x 760 x 1450mm)
Int Dims	(740 x 530 x 890mm)
Weight	217kg
Calibration	Included as standard

SDM45E - STATIONARY DIGITAL STATIC ROD OVEN

Digitally controlled, stationary drying/baking static rod oven
450 Kg capacity, temperature ambient-400° C digital



TECHNICAL SPECIFICATION

Capacity	450kg
Temperature	ambient-400° C
Thermometer	Digital
Voltage	380VAC
Output	9,4 kW
Ext Dims	(880 x 760 x 1450mm)
Int Dims	(740 x 530 x 890mm)
Weight	214kg
Calibration	Included as standard

STATIONARY OVENS

SDM65 - STATIONARY DIGITAL VENTILATED ROD OVEN

Digitally controlled, stationary drying/baking ventilated rod oven
650 Kg capacity, temperature ambient-400° C digital



TECHNICAL SPECIFICATION	
Capacity	650kg
Temperature	ambient-400° C
Thermostat	Digital
Voltage	380VAC
Output	13,5 kW
Ext Dims	(880 x 760 x 1855mm)
Int Dims	(740 x 530 x 1330mm)
Weight	276kg
Calibration	Included as standard

SDM65E - STATIONARY DIGITAL STATIC ROD OVEN

Digitally controlled, stationary drying/baking static rod oven
650 Kg capacity, temperature ambient-400° C digital



TECHNICAL SPECIFICATION	
Capacity	650kg
Temperature	ambient-400° C
Thermostat	Digital
Voltage	380VAC
Output	13,5 kW
Ext Dims	(880 x 760 x 1855mm)
Int Dims	(740 x 530 x 1330mm)
Weight	273kg
Calibration	Included as standard

FLUX OVENS



SDF8

Digitally Controlled, Stationary Process
Single Tank Drying/Baking Flux Oven
80 Kg capacity,
Temperature ambient-370° C digital



SDF20

Digitally Controlled, Stationary Process
Single Tank Drying/Baking Flux Oven
200 Kg capacity,
Temperature ambient-370° C digital



SDF40

Digitally Controlled, Stationary Process
Double Tank Drying Baking Flux Oven
400 Kg capacity,
Temperature ambient-370° C digital



SDFD40

Digitally Controlled, Stationary Process
Double Tank and Dual Controller,
Drying/Baking Flux Oven
400 Kg capacity,
Temperature ambient-370°C digital

MODEL	SDF8 Digitally controlled Flux Oven, single tank	SDF20 Digitally controlled Flux Oven, single tank	SDF40 Digitally controlled Flux Oven with two large tanks	SDFD40 Digitally controlled Flux Oven with two large tanks and two controllers
Capacity	80kg	200kg	400kg	400kg
Temperature	ambient-370°C	ambient-370°C	ambient-370°C	ambient-370°C
Thermostat	Digital	Digital	Digital	Dual Digital
Voltage	380VAC	380VAC	380VAC	380VAC
Output	4 kW	6,6 kW	13,2 kW	13,2 kW
Ext Dims	(660x690x1320mm)	(780x790x1420mm)	(1560x790x1420mm)	(1560x790x1420mm)
Int Dims	(515x515x590mm)	(695x695x730mm)	(695x695x730mm x 2)	(695x695x730mm x 2)
Weight	84 kg	114 kg	198 kg	202 kg
Calibration	Included as standard	Included as standard	Included as standard	Included as standard

HUMIDITY CUPBOARDS



SS1 STORAGE CABIN SMALL

Small Storage Oven to keep welding materials in a moisture and temperature controlled environment. Digitally adjustable temperature, Digital display showing the % of wetness, Three shelves.

SS2 STORAGE CABIN LARGE

Large Storage Oven to keep welding materials in a moisture and temperature controlled environment. Digitally adjustable temperature, Digital display showing the % of wetness, Three shelves.

MODEL	SS1 - Storage cabin small	SS2 - Storage cabin large
Capacity	360kg	360kg
Temperature	Adjustable up to 40°C	Adjustable up to 40°C
Thermostat	Digital	Digital
Voltage	230V - 50/60 Hz, single phase	230V - 50/60 Hz, single phase
Output	0,72 kW	0,88 kW
Ext Dims	(800 x 500 x 1800mm)	(1700 x 500 x 1800mm)
Int Dims	(730 x 430 x 1500mm)	(1490 x 580 x 1450mm)
Weight	93kg	190kg
Calibration	Included as standard	Included as standard



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