HTMA-Series, High Temperature Modified Atmosphere Ovens



HTMA 4/28 & HTMA 4/95

Standard features:

- 400°C, 500°C or 600°C Operating temperatures.
- 28, 95 & 220 Liter capacities.
- Digital PID temperature control using 301 controller including over- temperature protection.
- Rear mounted fan & side air guides give horizontal 'airflow'.
- Manual gas control via needle valves & flow meters (nickel brass).
- Corrosion resistant, ferritic grade 430, stainless steel interior with perforated non-tip shelves & runners.
- Copper pipe-work with brass flow-meter & solenoid valves .
- Single side hinged door, with metal heat seal & rubber gas tight seal, closed using none slam lever switch.
- Suitable for continuous operation (see options*).
- Double skin construction for cool, safe, outer case.
- Hard wearing, zinc coated & staved epoxy polyester coated exterior.

Options:

- Automatic gas control (requires a 3508 Series programmable controller).
- Manual electronic gas control using 2x flow meters & solenoid valves .
- Stainless steel pipe-work with brass flow-meter & solenoid valves .
- Stainless steel pipe-work, flow-meter & solenoid valves.
- A range of sophisticated digital control and multisegment programmers are available.
- RS232 / RS485 communications.
- Fixed or castor mounted floor stands.

A range of gas tight high temperature ovens for use with inert atmospheres in a batch production environment.

Model	Max. Temp. (°C)	Heat -up time to Max. (mins)	Recovery time to Max. (mins)	Dimensions		Shelves Fitted/ Accepted	Volume (Liters)	Max. Power (W)	Weight (kg)	Power Supply
				Internal HxWxD(mm)	External HxWxD(mm)					
HTMA4/28	400	50	10	305x305x305	880x675x885	2	28	1000	73	230V single phase
HTMA4/95	400	75	16	455x455x455	1010x880x1120	3/4	95	3000	99	230V single phase
HTMA4/220	400	120	20	610x610x610	1160x1030x1280	3/4	220	3000	179	230V single phase
HTMA5/28	500	50	10	305x305x305	880x675x885	2	28	2000	73	230V single phase
HTMA5/95	500	75	16	455x455x455	1010x880x1120	3/4	95	3000	99	230V single phase
HTMA5/220	500	120	20	610x610x610	1160x1030x1280	3/4	220	4500	179	230V single phase or 3 phase
HTMA6/28	600	50	10	305x305x305	880x675x885	2	28	2000	73	230V single phase
HTMA6/95	600	75	16	455x455x455	1010x880x1120	3/4	95	4500	99	230V single phase
HTMA6/220	600	120	20	610x610x610	1160x1030x1280	3/4	220	6000	179	230V single phase or 3 phase

Uniformity is measured in an empty chamber with vents closed, after a stabilization period
* Nominal values based upon a representative sample of products