

Forced-Air Drying Ovens



Description:

ZHICHENG forced-air drying ovens are engineered for sterilizing, baking, drying, curing, aging or stability test purposes. They are used in a variety of applications including general lab work, electronic component testing, drying glassware, and sterilizing. The ovens were designed to provide accurate temperature uniformity with no temperature overshoot. For this purpose, each of the ovens is microprocessor controlled. The microprocessor achieves precise environmental control and features the advantage of rapid recovery after door opening. As a standard feature, each of the ovens also incorporates a digital electronic timer that has a range of 1 minute to 99 hours/59 minutes timer function. Timer and temperature parameters are displayed in large LED for fast and easy readout.

Specifications:

ZFD Series: Bottom-heated

Model	ZFD5040	ZFD5090	ZFD5140	ZFD5250	ZFD5430	ZFD5625
Capacity	40L	90L	140L	250L	430L	625L
Temperature	50-200°C	50-200°C	50-200°C	50-200°C	50-200°C	50-200°C
Temperature Accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±1°C	±1°C	±1°C	±1°C	±1°C	±1°C
Heating Time up to 200°C	30 minutes	30 minutes	30 minutes	30 minutes	30 minutes	30 minutes
Timer (hours)	0-99.59	0-99.59	0-99.59	0-99.59	0-99.59	0-99.59
Platforms	2	2	2	2	2	2
Max. Platforms	2	3	3	4	6	6
Chamber Size (mm)	345x300x385	400x445x485	500x470x600	600x550x750	700x650x950	800x780x1000
External Size (mm)	535x430x765	590x575x865	690x600x980	790x680x1130	890x780x1330	990x910x1380
Weight (Kg)	45	55	80	108	170	210
Approval	CE, ISO	CE, ISO	CE, ISO	CE, ISO	CE, ISO	CE, ISO

ZRD Series: Back-heated

Model	ZRD5030	ZRD5055	ZRD5110	ZRD5210	ZRD7080	ZRD7140	ZRD7230
Capacity	30L	55L	110L	210L	80L	140L	230L
Temperature	50-200°C	50-200°C	50-200°C	50-200°C	50-300°C	50-300°C	50-300°C
Temperature Accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±1°C	±1°C	±1°C	±1°C	±1°C	±1°C	±1°C
Heating Time up to 200°C	30 minutes	30 minutes	30 minutes	30 minutes	45 minutes to 300°C	45 minutes to 300°C	45 minutes to 300°C
Timer (hour)	0-99.59	0-99.59	0-99.59	0-99.59	0-99.59	0-99.59	0-99.59
Platform	2	2	2	2	2	2	2
Max. Platform	2	2	3	4	3	3	4
Chamber Size (mm)	300x300x340	330x360x450	420x400x650	500x550x750	375x375x550	450x450x685	520x550x800
External Size (mm)	490x430x720	520x490x830	610x530x1030	690x680x1130	565x505x930	640x580x1065	710x680x1180
Weight (Kg)	40	50	61	98	58	80	104
Approval	CE, ISO	CE, ISO	CE, ISO	CE, ISO	CE, ISO	CE, ISO	CE, ISO

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