

# PEAK SERIES

## Incubators

The incubators are of the same basic construction as the ovens and have a maximum operating temperature of 80°C. Minimum operating temperature 10°C above ambient. Both gravity convection and fan assisted versions are available.

All units have an integral sealed glass door to facilitate product inspection and are designed for long term accuracy and reliability. As with all products in the Peak range, a wide choice of control and programming options and other optional features is available. The 400 & 800 litre capacities are floor standing models.



Heat up times are excellent and temperature stability with microprocessor three term control varies from  $\pm 0.2^{\circ}\text{C}$  to  $\pm 0.5^{\circ}\text{C}$ , depending on the model type.

	INCUBATORS WITHOUT FANS				INCUBATORS WITH FANS					
Model	PIN30	PIN60	PIN120	PIN200	PIF30	PIF60	PIF120	PIF200	PIF400	PIF800
<b>Max Temp (°C)</b>	80	80	80	80	80	80	80	80	80	80
<b>Chamber Dimensions (mm)</b>	(H) 255 (W) 330 (D) 320	350 420	450 520	700 520	300 292 320	400 392 420	500 492 520	750 592 520	1500 605 510	1500 1200 510
<b>External Dimensions (mm)</b>	(H) 470 (W) 655 (D) 470	570 765 570	670 865 670	920 965 670	470 665 470	570 765 570	670 865 670	920 965 670	1970 980 720	1720 1585 1000
<b>Chamber Capacity (litres)</b>	27	58	115	215	28	66	128	230	400	800
<b>Weight (Kg)</b>	30	45	60	75	30	45	60	75	200	280
<b>Shelves</b>										
(number supplied)	2	2	2	2	2	2	2	2	3	3
(max. possible)	3	5	9	15	3	5	9	15	30	30
(max dist load/shelf kg)	10	10	10	10	10	10	10	10	10	10
(max load kg)	20	30	40	50	20	30	40	50	75	100
<b>PERFORMANCE</b>										
<b>Power Rating</b> at 240 V (watts)	250	550	675	1000	250	675	675	1000	2000	4000
<b>Holding Power *</b> at max. temp (watts)	70	95	140	250	115	150	200	300	530	840
<b>Temperature Uniformity *</b> (at max temp as a %)	$\pm 3.5$	$\pm 3.5$	$\pm 3.5$	$\pm 3.5$	$\pm 1.5$	$\pm 1.5$	$\pm 1.5$	$\pm 1.5$	$\pm 2.0$	$\pm 2.0$
<b>Temperature Stability on/off control</b> (°C)	$\pm 2.0$	$\pm 2.0$	$\pm 2.0$	$\pm 2.0$	$\pm 1.0$	$\pm 1.0$	$\pm 1.0$	$\pm 1.0$	$\pm 1.0$	$\pm 1.0$
<b>Temperature Stability PID control</b> (°C)	$\pm 0.5$	$\pm 0.5$	$\pm 0.5$	$\pm 0.5$	$\pm 0.2$	$\pm 0.2$	$\pm 0.2$	$\pm 0.2$	$\pm 0.2$	$\pm 0.2$
<b>Heat Up Times *</b>										
(mins) 37°C	6.5	6.5	6.5	8	2.5	3	3	4	15	17
60°C	12.5	12.5	12.5	16	8.5	7	8.5	12	40	45
240 V 80°C	18	18	18	25	16.5	12	15.5	23	85	100
<b>Recovery Times *</b>										
(mins) 37°C	0.5	1	2	2.5	1	0.5	1	1.5	10	12
60°C	1	2.5	3.5	4	2	1	1.5	3	12	15
Door Open 60secs 240 V 80°C	1.5	3	4.5	6	3.5	1.5	2.5	5	25	30
<b>Air Exchanges vol (l/h)</b>	N/A	N/A	N/A	N/A	1400	1400	1400	1400	12000	12000
<b>Air Exchanges Exchanges / Hour</b>	N/A	N/A	N/A	N/A	50	21	11	6	30	15

Note: A uniformity of  $\pm 1\%$  =  $\pm 1^{\circ}\text{C}$  at  $100^{\circ}\text{C}$ .  
\* With vents closed





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.