

**Flowcal**  
Unit 4  
Ham Business Centre  
Brighton Road  
Shoreham-by-Sea  
West Sussex  
BN43 6RE

# specification sheet 3000 Series: Dry-well specification sheet

The logo for Flowcal, featuring the word "Flowcal" in a blue, sans-serif font. The letters are slightly shadowed and appear to be floating above a light blue, wavy background that resembles water or a liquid surface. The logo is centered within a white rectangular area.

**Tel:** 01273 455572  
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www.flowcal.co.uk

The dry-well series is a small and lightweight heat source, perfect for checking the accuracy of digital thermometers and probes. There is an easy to read LCD display on all models.



The 3101 model provides both a heat and chill source with a  $\pm 0.5^{\circ}\text{C}$  accuracy. The 3004 model has interchangeable probe inserts and is supplied with an insert of the customer's choice.

Each unit is supplied with a traceable certificate of calibration showing actual test data, which can be used as part of quality assurance programs. The units measure 57 x 125 x 158mm and weigh 900 grams. Each dry-well is supplied complete with a 3-point traceable certificate of calibration with data at the following points:  $+50^{\circ}\text{C}$ ,  $+100^{\circ}\text{C}$  and  $+150^{\circ}\text{C}$ .

A range of inserts are available for the 3101 and 3004 dry well blocks covering the diameters; 3.3, 4.1, 4.8, 6.4 and 9.6mm.

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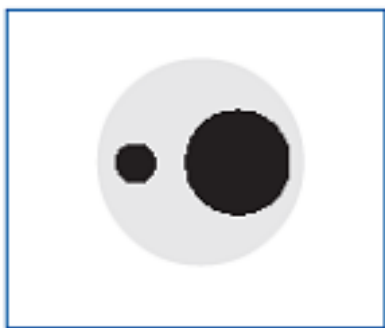
Specification sheet  
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SPECIFICATION	3001 Dry-Well (Temperature Heat Source)	3101 Dry-Well (Temperature Heat/Chill Source)	3004 Dry-Well (Temperature Heat Source with interchangeable inserts)
<b>Range</b>	+33 to +300°C	-10 to +110°C	+33 to +300°C
<b>Resolution</b>	0.1°C	0.1°C	0.1°C
<b>Accuracy</b>	± 0.5°C(+33 to +199°C) & ± 1°C (+200 to +300°C)	± 0.5°C(-10 to +99°C) & ± 1°C (+100 to 110°C)	± 0.5°C(+33 to +199°C) & ± 1°C (+200 to +300°C)
<b>Heating Time</b>	Ambient to +300°C after 10mins	Ambient to +100°C or ambient to 0°C after 10mins	Ambient to +300°C after 10mins
<b>Well Depth</b>	100mm	100mm	100mm
<b>Power</b>	230volts AC (115 volts available)	230volts AC (115 volts available)	230volts AC (115 volts available)
<b>Dimensions</b>	57 x 125 x 158mm	57 x 125 x 158mm	57 x 125 x 158mm
<b>Weight</b>	900 grams	1800grams	900 grams
<b>Price</b>	£595.00	£895.00	£620.00

Hole sets for the 3001, 3002, and 3003 models are shown below:



3002



3003

Hole dimensions are nominal.



3001

If you would like any more specific details about this range, please use the contact details above.