

# 3000 Series Dry-Well

## small & lightweight calibrators

- ideal for checking the accuracy of thermometers
- portable temperature heat source

The 3000 dry-well calibrators are small and lightweight heat sources, ideal for checking the accuracy of digital thermometers and temperature probes. The units have a temperature range of 33 to 300 °C with a resolution of 0.1 °C.

The dry-wells offer a high level of stability ( $\pm 0.5$  °C) and a stabilisation time of five minutes. Plug it in, switch it on, set the verification temperature with the front panel buttons and insert your probe into the correct size well. Compare the temperature reading of your thermometer against the display and the difference is the error.

The 3001 dry-well will accept probe sizes Ø3.3, 4, 4.76 and 6.35 mm. The 3002 dry-well will accept probe sizes Ø3.3, 4.76, 6.35 and 9.6 mm. The 3003 dry-well will accept probe sizes Ø4.76 and 12.7 mm.

order code	description	
271-301	3001 dry-well	
271-302	3002 dry-well	
271-303	3003 dry-well	



specification	3000 series dry-wells
range	33 to 300 °C
resolution	0.1 °C
accuracy	$\pm 0.5$ °C (33 to 199.9 °C) $\pm 1$ °C (200 to 300 °C)
heating time	ambient to 300 °C after 10 mins
well depth	100 mm
power	230 volt AC (115 volt available)
dimensions	57 x 125 x 158 mm
weight	900 grams

*FREE traceable certificate of calibration included*

# 3101 Dry-Well

## heat/cool source calibrator

- ideal for checking the accuracy of thermometers
- accepts a wide variety of probe diameters

The 3101 dry-well features an easy to read LED display with a temperature range of -10 to 110 °C and a resolution of 0.1 °C. Heating time, ambient to 100 °C or cooling time, ambient to 0 °C is ten minutes.

The 3101 is excellent for checking the calibration of a wide range of instrumentation including digital thermometers and temperature probes, either above or below ambient temperature. The unit incorporates two removable wells/inserts, both Ø13 mm in diameter and will accept probe sizes Ø3.3, 4.1, 4.8, 6.4 and 9.6 mm. Each 3101 is supplied with two inserts of the customer's choice.

order code	description	
271-401	3101 dry-well	
271-321	Ø3.3 mm ID brass insert	
271-322	Ø4.1 mm ID brass insert	
271-323	Ø4.8 mm ID brass insert	
271-324	Ø6.4 mm ID brass insert	
271-325	Ø9.6 mm ID brass insert	



specification	3101 dry-well
range	-10 to 110 °C
resolution	0.1 °C
accuracy	$\pm 0.5$ °C (-10 to 99.9 °C) $\pm 1$ °C (100 to 110 °C)
heating time	ambient to 100 °C after 10 mins
cooling time	ambient to 0 °C after 10 mins
well depth	100 mm
power	12 to 24 volt DC*
dimensions	89 x 152 x 186 mm
weight	1800 grams

*\*supplied with 230/115 volt AC power adaptor  
FREE traceable certificate of calibration included*