



## ResControl II™



### The multi-purpose clinical assistant

ResMed's ResControl II offers a range of user-friendly clinical functions in one compact unit. It can be used locally or remotely to monitor and adjust ResMed flow generators.\* Two ResControl II units may be connected together to control and monitor the flow generator from both the patient's bedside and the control room. ResControl II is ideal for both the sleep lab and hospital ward and is capable of sending a range of user-selectable flow generator signals to a polysomnography (PSG) system for review in parallel with physiological data.

#### Putting you in control

##### Real-time data display

ResControl II has a large LCD, making it easy to view real-time data. A zoom display allows clinically important parameters to be viewed from a distance and an angled stand enables the ResControl II to be positioned for optimum visibility.

##### Remote settings adjustment

ResControl II automatically identifies the connected ResMed flow generator model and provides the relevant control and monitoring features. Parameters can be adjusted remotely from a distance of up to 30 m (100 ft).

##### Onboard manometer & output to PSG

ResControl II has an internal pressure transducer that can be used in conjunction with other clinical data to monitor snore and flow limitation in both diagnostic and titration sleep studies.

This is achieved via a dedicated analog output to the PSG. The convenient onboard manometer can be used with any flow generator to measure pressure, eliminating the need for a separate manometer.

There are two models of ResControl II available, offering a choice of either three or seven analog outputs to the PSG.

The outputs, which monitor measurements sent by the flow generator, provide a greater level of flexibility.

These user-selectable measurements are dependent on the model of flow generator, and can include pressure, flow, leak, tidal volume, and respiratory rate.



\*ResControl II is compatible with the current range of ResMed flow generators listed on the rear page of this product information sheet.

### ResMed flow generator compatibility\*

Sullivan™ 5  
S6™  
AutoSet T™  
S7™ series  
S8™ series  
VPAP™ II series  
VPAP™ III series  
AutoSet CS2™  
(\* at time of publication)



### Technical Specifications

#### Dimensions (H x W x L)

80 x 130 x 190 mm (approx.)

#### Weight

0.7 kg (approx.)

#### Power supply

Input range 100-240V, 50/60Hz, 17VA  
(continuous operation)

#### Operating temperature range

5 to 40° C (41 to 104° F)

#### Operating humidity range

15 to 95% relative humidity  
(non-condensing)

#### Storage temperature range

-20 to +60° C (-4 to +140° F)

#### Storage humidity range

0 to 95% relative humidity  
(non condensing)

#### Cable length

(flow generator to ResControl II or  
local to remote ResControl II)

Tested to 30 m (100 ft)

#### Pressure measurement

##### Accuracy

+/-0.5 cmH<sub>2</sub>O typical

+/-0.75 cmH<sub>2</sub>O maximum over 0–40°C  
ambient temperature range

##### Range

-5 to +35 cmH<sub>2</sub>O

#### Analog outputs

All channels isolated from mains

(IEC 60601-1). No isolation between analog outputs.

Voltage range: +/- 1V peak

Minimum Load Impedance: 500 ohms

PSG1 bandwidth (-3dB): 0 to 200 Hz

PSG2-7 bandwidth (-3dB): 0 to 10Hz

#### IEC 60601-1 classifications

Class II, Type CF

#### Electromagnetic compatibility

Complies with IEC60601-1-2. Avoid placing the  
ResControl II next to instruments that generate EMI,  
such as mobile phones.

### Product codes

#### 7 signal

ResControl II–Australia	22002
ResControl II–UK	22003
ResControl II–Europe	22004
ResControl II–Americas	22007

#### 3 signal

ResControl II–Australia	22008
ResControl II–UK	22009
ResControl II–Europe	22010
ResControl II–Americas	22011

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