

# CO2 / CO2-A / CO3

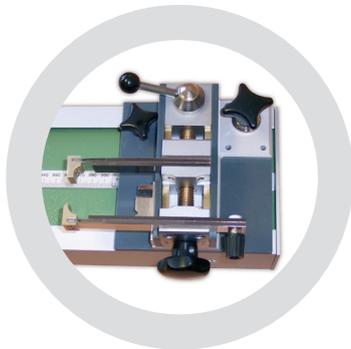
## Cost-effective cable clamping devices for precise measurement

During the manufacture of wires, rails, cables and conductors, the electrical conductivity (resistance) must be checked for compliance with specified values. In conjunction with one of our range of digital ohmmeters, the clamping devices are used in the cable industry for production monitoring and quality assurance.

### Ideal for

Cable/wire manufacturers and distributors

Key Features	CO2	CO2-A	CO3
1m long reference measurement	✓	✓	✓
Test unit cross sections 0.1 to 100mm <sup>2</sup>	✓		
Test unit cross sections 1 to 1500mm <sup>2</sup>		✓	✓
Integrated water bath for temp stabilisation			✓
Current connections up to 100A	✓	✓	✓
Optional guide rail for support	✓		



### ◀ CO2

**Adjustable clamp support**  
**Test unit cross-sections**  
**Current connections**  
**Potential tap**

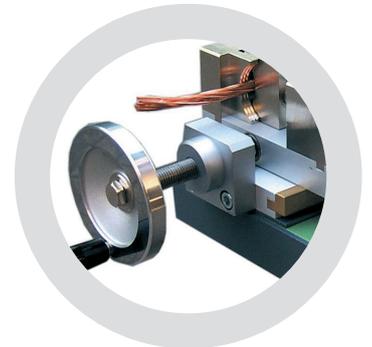
**Dimensions**  
**Weight**  
**Optional guide rail available**

measurement length of 50–1000mm ranging from 0.1–100mm<sup>2</sup> designed for up to 100A routed to 4mm standard terminals using material with low thermal E.M.F.  
 120 x 1300 x 150mm / 4.7 x 51 x 5.9" (h x w x d)  
 8.5kg / 19lbs (approx)  
 Part no. 930185

### CO2-A ▶

**Measurement length**  
**Clamping device**  
**Distance between voltage tap and current-feed**  
**Dimensions**  
**Weight**

1000mm  
 designed for cross sections of 1–1500mm<sup>2</sup>  
 420mm  
  
 170 x 2100 x 250mm / 6.7 x 83 x 9.8" (h x w x d)  
 25kg / 55lbs (approx)



### CO3 ▼

**Measurement length:** 1000mm in a temperature controlled water bath.  
**Clamping device:** designed for cross sections of 1–1500mm<sup>2</sup>. Constant water temperature ensured by a two position controller and an integrated circulation pump. Precise temperature measurement with an integrated sensor.  
**Operating range:** 25–60°C, tolerance +/- 0.5°C  
**Current connections:** designed for up to 100A  
**Output of the integrated heating filaments:** 2kW

**Voltage supply:** 230V, +6–10%  
**Mains frequency:** 50/60Hz  
**Power consumption:** approximately 2.2kVA  
**Device protection:** in accordance with EN 61010  
**Dimensions:** 300 x 2100 x 500mm / 12 x 83 x 20" (h x w x d)  
**Without wire holder:**  
 300 x 1330 x 500mm / 12 x 52 x 20" (h x w x d)  
**Weight (without water):** 85kg / 188lbs (approx)

### Services

1 year warranty (subject to product registration with Seaward. Visit [www.seaward.co.uk/register-product](http://www.seaward.co.uk/register-product))  
 Service and calibration by Calibrationhouse.  
 Go to [www.calibrationhouse.com](http://www.calibrationhouse.com) for more information.

### Part Numbers

CO2	930150
CO2-A	930214
CO3	930419

[www.seaward.co.uk/COSeries](http://www.seaward.co.uk/COSeries)

For USA, Canada and Mexico enquiries Tel: +1 (813) 886 - 2775

For all other enquiries Tel: +44 (0) 191 587 8741

Email: [sales@seaward.co.uk](mailto:sales@seaward.co.uk)