



# Resistance Decade



R1 - 3000



## Decade R1 – 3000

Mini-Resistance-Decade

MADE IN GERMANY

The Mini-Resistance Decade R1-3000 is an easy way to simulate a resistance value (1Ω - 11,111111MΩ, 1% tolerance).

The Decade sticks to the Overvoltage category CAT.IV 300V and contains a extra Isolation (Protection Class II) for high safety standards.



Safety regulation  
according to **IEC 61010-1:2010 (3rd Edition) + Cor.:2011** and **IEC 61010-2-030:2010 (1st Edition)**

### Technical properties

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Resistance-Range          | 1Ω - 11,111111MΩ<br>in 1Ω steps               |
| Voltage                   | 250Vrms AC/DC                                 |
| Power                     | 1W                                            |
| Tolerance                 | 1%                                            |
| Fuse                      | 400mA / delay / 250V<br>/ 5x20mm <sup>2</sup> |
| Overvoltage category      | CAT. IV 300V                                  |
| Protection class          | II                                            |
| Ambient temperature range | -20°C – +60°C                                 |
| Dimensions                | L170 x B110 x H45<br>mm <sup>3</sup>          |
| Weight                    | ca. 360g                                      |



# Mini Decades



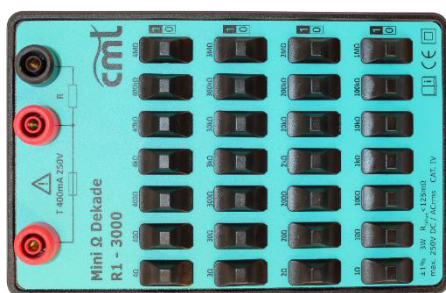
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This resistance box is manufactured at our production facilities and can be applied on various testing rigs. It is fitted in shock-resistant fire-retardant casing of ABS plastic, which makes it perfectly suitable for training programs. Marking is abrasion-proof and oil-proof.

For more detailed information about low ohm decade resistance box by Cosinus Messtechnik please check the web site [www.cosinus.de](http://www.cosinus.de) (more Information there).

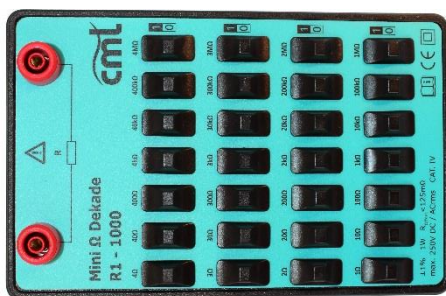
If you could not find a resistance box suitable for your requirements, or if you have more questions on our products, please contact us. We are happy to provide personal consultation. You can call us at

+ 49 89 / 665594-0 or send us a letter to our e-mail address [info@cosinus.de](mailto:info@cosinus.de).



## R1-3000 Ohm Decade Resistance Box

- Mini ohm decade resistance box, 3 W
- Range 10hm - 11,111111MOhm
- Accuracy 1%
- 10hm steps
- Max voltage: 250V AC/DC
- Dimensions 170 x 110 x 45 mm
- Weight 360 gram



## R1-1000 Ohm Decade Resistance Box

- Mini ohm decade resistance box, 1 W
- Range 10hm - 11,111111MOhm
- Accuracy 1%
- 10hm steps
- Max voltage: 250 VAC/DC
- Dimensions 170 x 110 x 45 mm
- Weight 340 gram

**COSINUS Messtechnik - Ihr Partner für Messlösung  
in allen elektrischen und physikalischen Anwendungen**

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