

STRAIN GAUGE KIT

HAC20K



Year 2 study

Features

- Customer can strain gauge their own equipment
- Customer specific projects
- All strain gauges can connect into Hilton interfaces
- All items housed in carry case
- Refill also available (HAC20R)
- Great introduction to strain gauging

Description

The HAC20K is a complete strain gauge kit, which contains all necessary components to enable strain gauging to be successfully completed. Housed in a durable, portable case, the kit contains the following core items: - 3 types of strain gauges, in varying gauge lengths (10 gauges per gauge length. 30 gauges supplied in total with kit) - Adhesive to bond gauges to substrate - 3 different types of terminals for connecting strain gauges to larger cables (100 off, 200 off and 200 off respectively supplied) - Soldering iron - Solder - Cleaning pads, liquid, clothes - Wire strippers - 3 reels of wire in red, blue and yellow - Insulating varnish - Brushes - Pens - Tape - Tweezers - Scissors - Abrasive paper - Adhesive tape - Magnifying glass All the above items come fully labelled for ease of identification. A comprehensive technical manual is included which gives full instructions on the procedure to adhere strain gauges to the substrate. A refill kit is also available separately (HAC20R) which enables the core items above to be replaced when required.

Related Laws/Applications

- Strain gauges
- Strain gauge technology

Technical Specification

- 120ohm gauge resistance
- 2, 10 and 20mm 'gauge' length
- Metal, glass, ceramic applications
- -196 to +150°C temperature range
- +10 to +100°C temperature compensation range

Essential Ancillaries

- Customer experiment
- Student project

Recommended Ancillaries

- HAC20R
- HAC20
- HDA200
- HPM15
- HAC20M

What's in the Box?

- 1 x Carry case
- 3 x types of strain gauges (10 gauges per type)
- 1 x Adhesive
- 3 x types of terminals (100 off, 200 off and 200 off)
- 1 x Soldering iron
- 1 x Lead free Solder
- Cleaning pads, liquid, clothes
- 1 x Wire strippers
- 3 x reels of wire (red, blue and yellow)
- 1 x Insulating varnish
- 1 x Brushes
- 1 x Pens
- 1 x Tape
- 1 x Tweezers
- 1 x Scissors
- 1 x Abrasive paper set (up to 20 sheets)
- 1 x Magnifying glass

You might also like

- HAC20R
- HAC20
- HDA200
- HPM15
- HAC20M

Weights & Dimensions

- Weight: 3kg
- Length: 460mm
- Width: 370mm
- Height: 120mm

Essential Services

- Voltage specific soldering iron??

Ordering information

To order this product, please call PA Hilton quoting the following code:
HAC20K

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COUNTRY OF ORIGIN - UK WARRANTY PERIOD - 5 YEARS