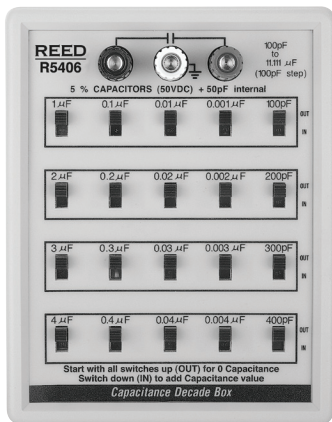


# REED

## Model R5406 Capacitance Decade Box



## Instruction Manual

www.reedinstruments.com

**REED Instruments**

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# Table of Contents

|                             |   |
|-----------------------------|---|
| Features.....               | 2 |
| Applications.....           | 2 |
| Specifications.....         | 3 |
| Product Description .....   | 3 |
| Operating Instructions..... | 4 |

## Features

- Pocket size, accurate, reliable performance
- 100 pF to 11,111 uF, wide range and high resolution (100 pF per step)
- With five decades of capacitance
- Slide switches that allow the user to simply add or subtract for desired value
- Terminals with multi binding posts, one to switch shield case
- ABS plastic housing, rugged components

## Applications

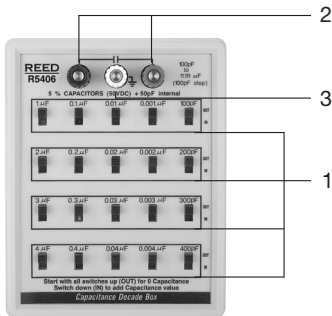
Troubleshooting, Maintenance, Education and Vocational training, Production line testing, Radio and TV services, Working standards, Research design & development and Physics laboratory work.

# Specifications

|                               |   |
|-------------------------------|---|
| Range                         | 100 pF to 11,111 uF ( 100 pF per step )   |
| Accuracy                      | 5% capacitors used throughout;<br>@ < 1 uF, 1 KHz test frequency;<br>@ >= 1 uF, 100 Hz test frequency |
| Voltage                       | 50 V DC, non-polarized capacitors   |
| Internal Residual Capacitance | About 50 pF   |
| Operating Temperature         | 0 to 50 degree C (32 to 122 degree F)   |
| Operating Humidity            | Less than 80% RH  |
| Weight                        | 11oz (312g)   |
| Dimension                     | 5.79 x 4.61 x 2.01" (147 x 117 x 510mm)   |

# Product Description

1. Range Select Switch
2. Capacitance Output Terminal
3. Ground Terminal



# Operating Instructions

## *Testing Procedure*

1. Start with all switches upward for minimum capacitance.
2. Turn the switches down to add capacitance.
3. The ground terminal is connected to the metal enclosure for all of the switches. In some circumstances the ground terminal can be connected to external equipment to prevent environment interference.

**Note: Do not add more than 50 V DC to the output capacitor terminals.**

For service on this or any other REED product or information on other REED products, contact REED Instruments at [info@reedinstruments.com](mailto:info@reedinstruments.com).

## Notes

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