

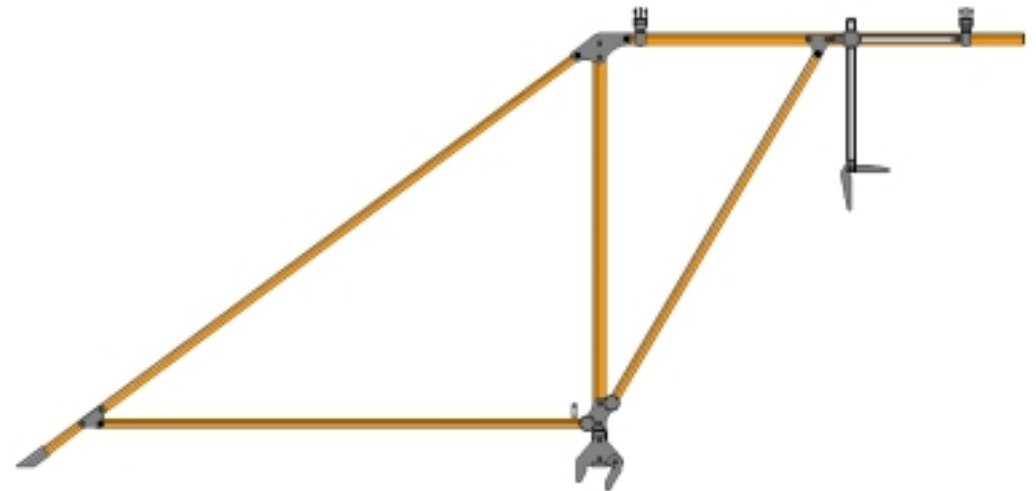
# ABTUS

## Platform Gauge

### PLATFORM GAUGE

### ABT 4050

- ~ Measures platform edge to running edge 660-920mm
- ~ Measures platform height 760-1080mm
- ~ Self positioning foot adjusts to any rail, side-cut etc
- ~ Opposite rail referenced to give cant adjustment
- ~ Suitable for use with raised check and conductor rails
- ~ Fully non-conductive construction using GRP and Nylon 6
- ~ Factory calibrated for guaranteed accuracy
- ~ Gauge folds to almost half working length
- ~ Complete with carrying bag



ABTUS Limited, Falconer Road, Haverhill, Suffolk, CB9 7XU.  
Tel: +44 1440 702938 Fax: +44 1440 702961 Email: [info@abtus.co.uk](mailto:info@abtus.co.uk)

## INSTRUCTIONS FOR USE

# Platform Gauge

## Instructions for use

### 1.0 Platform Gauge

#### 1.1 Description

The Platform gauge is a tool designed to be used from the platform by a single operator. The gauge is primarily used as an inspectors tool in assessing the positioning of station platforms. If used correctly, the Platform gauge can measure the offset and height of a platform, relevant to the top of the rails to  $\pm 2\text{mm}$ . There is a great flexibility with the type of rails on which it can be used due to its construction from non-conductive GRP (glass reinforced plastic) and nylon 6.

#### 1.2 Measurements Obtainable

- Platform edge to running edge 660mm - 920mm
- Platform height 760mm - 1080mm

#### 1.3 Part Number

The gauge has part number **4050**.

### 2.0 Use of Gauge

#### 2.1 Assembling the gauge

Un-clip the straps from the gauge and position the two connecting knobs in slots on the main foot. These are to be tightened so that the head of the screw fits flush in the countersunk holes in the nylon profiles.

#### 2.2 Positioning the gauge

The optimum position for holding the gauge is on the end of the protruding pole, near to the clip. From this position the gauge can then be lowered onto the rail (the 'claw foot' locating on the closest rail, the flat foot on the furthest rail). The self-positioning foot will adjust to any rail, side-cut etc.

The opposite rail is referenced to give cant adjustment.

### 2.3 Taking measurements

The offset of the platform from the track is measured in both horizontal and vertical planes on a self-positioning nylon arm. It is important to allow the arm to find its own position on the platform, however some minor adjustment may be required to maintain an accurate reading of  $\pm 2\text{mm}$ .

Due to the nature of the tool, it is possible to force the measuring arm away from its optimum measuring position, by excessive pushing or pulling. Extra care must therefore be taken by the operator to avoid the culmination of misleading readings.

### 3.0 Calibration and care of gauge

#### 3.1 Tool care

Care should be taken to avoid dirt entering the various tool mechanisms, as this may reduce spring effectiveness. The tool may be cleaned by wiping with a damp cloth. Thinners must not be used.

#### 3.2 Calibration

All platform gauges are factory calibrated.