

## HATRA Hose Pressure Tester Mk2A+



The HATRA Hose Pressure Tester Mk2A+ measures the force exerted by compression hosiery on a simulated leg form to provide hosiery compression values along the leg, and is a development of the Mk2 instrument specified in British Standards BS6612, BS7672, and BS7563.

The instrument is adjustable to a number of standard leg sizes and lengths, while customised leg profiles are available through the use of custom-made slot-in shapes in place of the standard calf and thigh pieces. Measurements may be taken at any position along the leg from the ankle upwards.

In use, the garment is loaded onto the leg form and held lengthways at the foot and thigh ends of the tester. The garment is stretched widthways by expanding the leg form. Measurements are taken by moving the measurement head into the garment at the required positions along the leg.

The Mk2A+ HATRA features a modified form and loading procedure that reduces the need for manipulation of the garment along the form. This is designed to improve consistency in positioning of the garment on the form.

## SPECIFICATIONS

### Measurement range

Compression up to 60 mmHg (dependent upon girth)

### Standard measurement positions (corresponding to BS6612)

Ankle = 10cm                      Calf = 31cm                      Thigh = 60cm

### Form sizes and girths at standard measurement positions (corresponding to BS6612)

Form number	Ankle girth (cm)	Calf girth (cm)	Thigh girth (cm)
1	17.2	28.9	37.9
2	18.7	30.9	40.6
3	20.4	33.0	43.4
4	22.3	35.4	46.4
5	24.3	37.9	49.7
6	26.5	40.6	53.2
7	28.8	43.6	56.9

### Calf and thigh pieces

The calf and thigh pieces are adjustable to positions 1 to 3 corresponding to short, medium, and long garments corresponding to those in BS7672. The thigh piece also has a position 4.

### Suspender

The suspender is adjustable to positions 1 to 12. Position 3 normally corresponds approximately to position 1 on a HATRA Mk2, and represents a position approximately 68.5cm from the floor.

Position 4 corresponds approximately to the suspender position in BS6612 and to the second suspender position in BS7672.

**Size** (net, approx.): L135cm x H65cm x D19cm

**Weight** (net, approx.): 26 kg

**Battery:** 2 x AA

Compression measurements made using this model may differ from those using previous HATRA models, particularly the Mk2.

With continual development, the detail of the appearance and specification may be modified at any time.

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