

**SV
SERIES**

Bench Mounted Frame – SV100

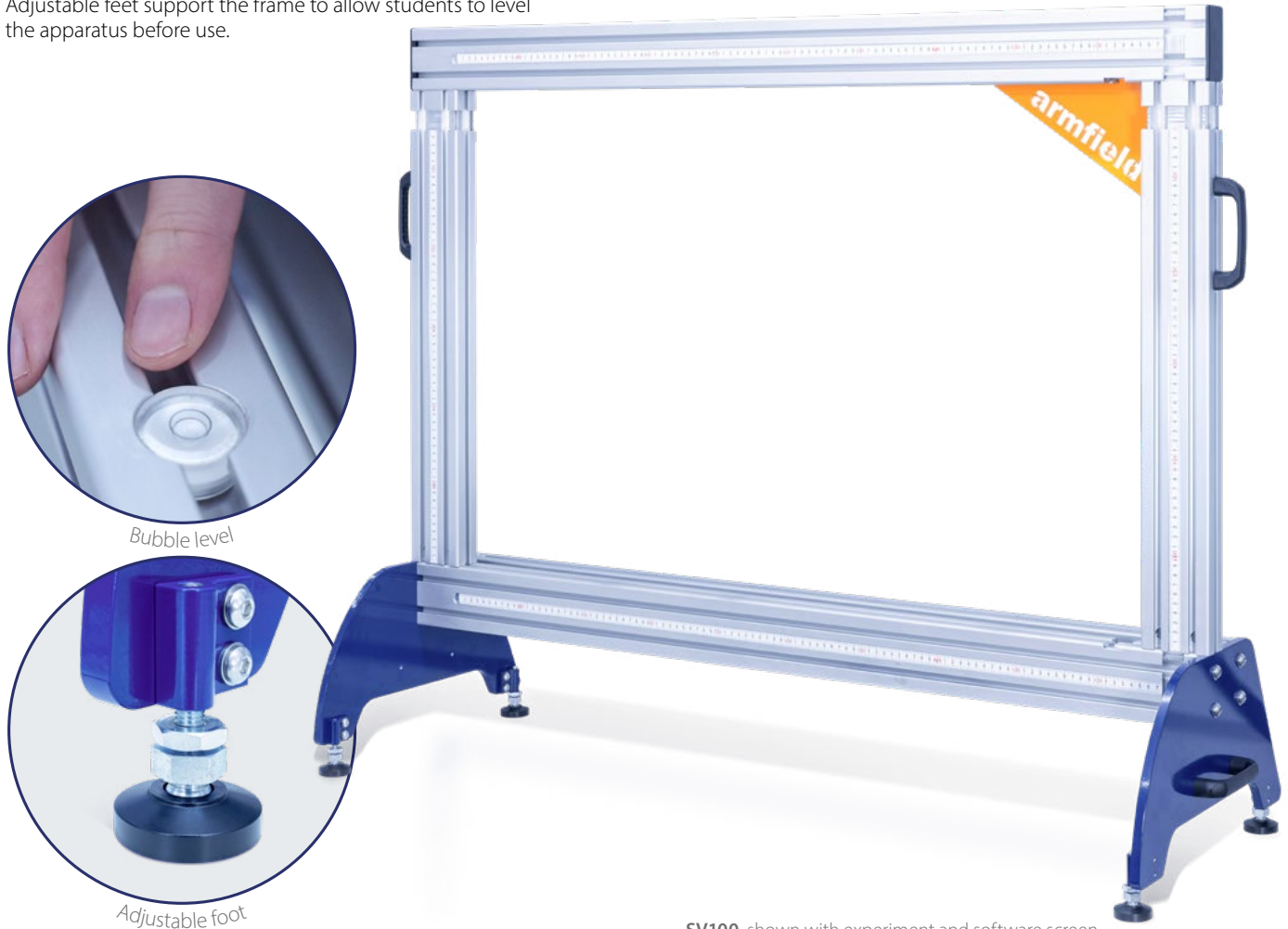
A lightweight aluminium bench mounted frame that enables quick and easy attachment of the interchangeable experiment modules from the Armfield SV Structures range.

The frame is supplied with a fixing system that has been designed to be quick and easy to use. It allows students to change, position and secure each experiment.

Adjustable feet support the frame to allow students to level the apparatus before use.

A LIGHTWEIGHT ALUMINIUM BENCH MOUNTED FRAME THAT ENABLES QUICK AND EASY ATTACHMENT OF THE INTERCHANGEABLE EXPERIMENT MODULES FROM THE ARMFIELD SV RANGE

SV100 Bench mounted frame



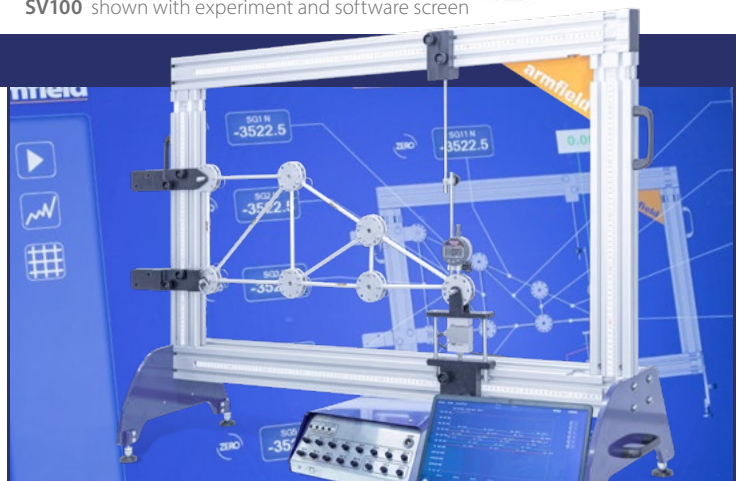
Bubble level



Adjustable foot

SV100 shown with experiment and software screen

Measurement markings and carry handles



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Issue: 1
 URL: <http://www.armfield.co.uk/structures>

Applications

ME CE IP

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Features / benefits

- ▶ Strong, lightweight, bench mounted frame
- ▶ Supporting frame for all of the Armfield SV structures range of experiments
- ▶ Provides multiple mounting positions for experiments

Technical specification

Internal Working Area:

- ▶ Height: 600mm
- ▶ Width: 950mm

Assembled Dimensions:

- ▶ Height: 920mm
- ▶ Width: 1110mm (Frame only) *1176mm with carry handles*
- ▶ Frame dimensions: 80mm x 40mm
- ▶ Frame Construction: Aluminium

Related products

Forces in a Truss

- ▶ SV200: Pin-Jointed Frameworks (Roof and Warren Truss)
- ▶ SV201: Forces in a Truss and Redundant Truss
- ▶ SV202: Deflection of Trusses

Forces & Moments

- ▶ SV300: Combined Shear Force & Bending Moment
- ▶ SV301: Shear Force in a Beam
- ▶ SV302: Bending Moments in a Beam
- ▶ SV303: Deflection of Beams and Cantilevers
- ▶ SV304: Equilibrium of Forces
- ▶ SV305: Suspension Cable
- ▶ SV306: Bending Stress in a Beam

Bridges, Beams, Arches and Cables

- ▶ SV400: Simple Suspension Bridge
- ▶ SV401: Deflection of a Frame
- ▶ SV402: Suspended Centre Span Bridge
- ▶ SV403: Three-Pinned Arch
- ▶ SV404: Two-Pinned Arch
- ▶ SV405: Semi-Circular Arch

Strength of Materials

- ▶ SV500: Continuous and Indeterminate Beams
- ▶ SV501: Plastic Bending of Beams
- ▶ SV502: Plastic Bending of Portals
- ▶ SV503: Deflection of Curved Bars

Overall dimensions

Length	1.176m
Width	0.392m
Height	0.922m

Packed and crated shipping specifications

Volume	0.36m ³
Gross weight	20kg

SV100 Bench Mounted Frame shown with various experiments



SV200 series experiment tray mounted on SV100 frame (sold separately)



SV300 series experiment tray mounted on SV100 frame (sold separately)



SV400 series experiment tray mounted on SV100 frame (sold separately)



SV500 series experiment tray mounted on SV100 frame (sold separately)

Ordering codes

- ▶ SV100: Bench Mounted Frame

Armfield standard warranty applies with this product

Knowledge base

- > 28 years expertise in research & development technology
- > 50 years providing engaging engineering teaching equipment

Benefit from our experience, just call or email to discuss your laboratory needs, latest project or application.

An ISO 9001:2015 Company



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Aftercare

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