



SEM

SEM TRAINERS & SYSTEMS

WHERE TIME MOVES AHEAD TO KEEP PACE WITH KNOWLEDGE

SEM- Scientific Educative Methods in Science, Engineering & Medicine

Mobile : +91 88495 63724

Mobile 1: +91 98791 03905

Email: sem@semtrainers.com

Website: www.semtrainers.com

ORTHO

Item No. 1019877

Weight 0.031kg

[Read More](#)

SKU:

Categories:3B Biomechanical Test Blocks



Product Description

3B Biomechanical Test Blocks

- Use to test implants and devices
- Train the evaluation of bone density

- Simulate different sets of characteristics, i. e. bone density and cortical thickness

Bone density: 10 – 30 PCF (Pounds per Cubic Foot) The solid rigid polyurethane foam is available in 4 different densities: 10, 15, 20 and 30 PCF. **Cortical thickness: 1 – 3 mm**

The cortical shell is simulated by a dense plate on top of each block.

Its density is 40 PCF and three different thicknesses (1, 2 or 3 mm) are available for each foam density option.

Dimensions:

CP1: 1 mm cortical thickness: 9.5 x 4.5 x 3.1 cm

CP2: 2 mm cortical thickness: 9.5 x 4.5 x 3.2 cm

CP3: 3 mm cortical thickness: 9.5 x 4.5 x 3.3 cm

ORTHObones Biomechanical Test Block — 15 PCF, CP2 (2mm Cortical Thickness) for India

3B Biomechanical Test Blocks (Item No. 1019877) are used to test implants and devices, and to train the evaluation of bone density. They simulate different combinations of bone density and cortical thickness for realistic orthopedic skills practice.

Bone Density: 10–30 PCF (Pounds per Cubic Foot). The solid, rigid polyurethane foam is available in four densities: 10, 15, 20, and 30 PCF. This block is the 15 PCF variant.

Cortical Thickness: 1–3 mm. The cortical shell is simulated by a dense plate (40 PCF) on top of each block, available in three thicknesses (1, 2, or 3 mm) for each foam density option. This block has the CP2 (2mm) cortical thickness.

Dimensions: 9.5 x 4.5 x 3.2 cm (CP2, 2mm cortical thickness).

Specifications: Weight 0.031 kg. Item No. 1019877.

Why Buy from SEM Trainers? SEM Trainers & Systems has over 30 years of experience supplying orthopedic workshop and biomechanical testing equipment to 1,500+ institutions across 28 Indian states, with pan-India delivery and dedicated after-sales support.

FAQ Q: What's the difference between this and the 30 PCF, CP3 variant? **A:** This is a lower bone density (15 PCF vs. 30 PCF) with a thinner cortical shell (2mm vs. 3mm) — useful for simulating less dense bone conditions.

Q: How do I order from SEM Trainers? **A:** Contact sem@semtrainers.com or call +91-88495 63724 for pricing and availability.

