

### 3B Scientific® Joint Series

These functional models provide an accurate demonstration of the anatomy and mechanics of the major joints, allowing better doctor-patient or teacher-student understanding. Use these life size and fully flexible joints to demonstrate abduction, anteversion, retroversion, internal/external rotation and much more. Mounted on a stand.

**BESTSELLER**



Joints

#### Functional Shoulder Joint

Consists of shoulder blade, collar bone, portion of humerus and joint ligaments. 16x12x20 cm; 0.35 kg

A80

#### Functional Hip Joint

Consists of portion of femur, hip bone and joint ligaments. 17x12x33 cm; 0.55 kg

A81

#### Functional Knee Joint

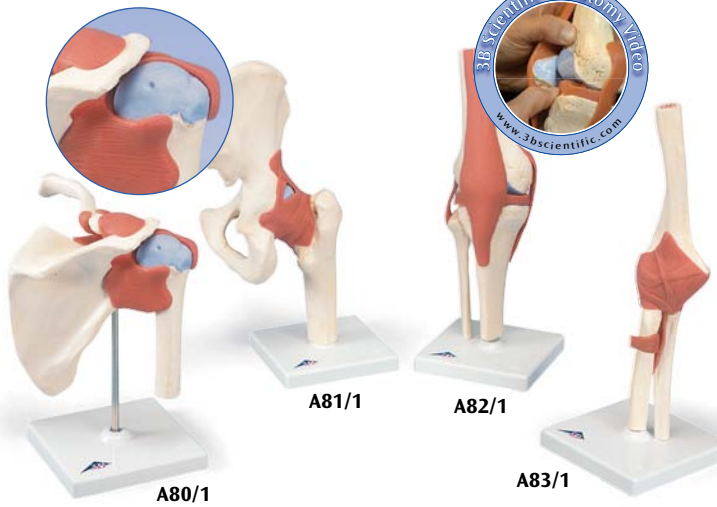
Consists of portion of femur, tibia and portion of fibula; also includes meniscus, patella with quadriceps tendon and joint ligaments. 12x12x34 cm; 0.4 kg

A82

#### Functional Elbow Joint

Consists of portion of humerus, complete ulna and radius as well as joint ligaments. 12x12x39 cm; 0.5 kg

A83



#### Deluxe Functional Shoulder Joint Model

Consists of shoulder blade, collar bone and upper arm stump. Mounted on a base. 22 cm; 0.41 kg

A80/1

#### Deluxe Functional Hip Joint Model

Consists of thigh stump and hip bone. Mounted on a base. 32 cm; 0.56 kg

A81/1

### 3B Scientific® Deluxe Functional Joint Models

These high-quality functional models of a lifesized right joint with ligaments shows the anatomy and natural physiological movements (e.g. abductions, anteversion, retroversion, internal and external rotation) in exceptional detail. The colour of the natural cast bones is extremely realistic. The cartilage on the joint surfaces is marked in blue. Mounted on a base.

L/E/D/S/F/P/I/J

#### Deluxe Functional Knee Joint Model

Consists of thigh stump, shinbone stump and calf bone stump, menisci and patella. Mounted on a base. 32 cm; 0.55 kg

A82/1

#### Deluxe Functional Elbow Joint Model

Consists of a stump of the upper arm, ulna and radius. Mounted on a base. 33 cm; 0.285 kg

A83/1

### 3B Scientific® Mini Joint Series

Following in the footsteps of their successful larger brothers, these mini-joints have been reduced to a half their natural size but have kept all of their functionality. In addition to the external anatomical structures, using the superb new joint cross-sections mounted on base, the medical or teaching professional now has the ability to explain what is happening "within".

Also available without base:

#### Mini Hip Joint

16,5x8,5x9 cm; 0.1 kg

A84

#### Mini Shoulder Joint

12x10x5 cm; 0.05 kg

A86

#### Mini Knee Joint

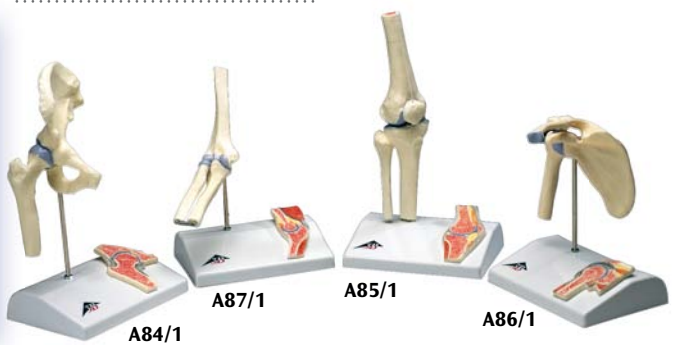
20x6,5x5 cm; 0.13 kg

A85

#### Mini Elbow Joint

17,5x4x3.5 cm; 0.05 kg

A87



#### Mini Hip Joint with Cross Section

With base. 16x12x20 cm; 0.2 kg

A84/1

#### Mini Elbow Joint with Cross Section

With base. 16x12x20 cm; 0.2 kg

A87/1

#### Mini Knee Joint with Cross Section

With base. 10x14x24 cm; 0.35 kg

A85/1

#### Mini Shoulder Joint with Cross Section

With base. 12x14x16 cm; 0.2 kg

A86/1

Anatomy