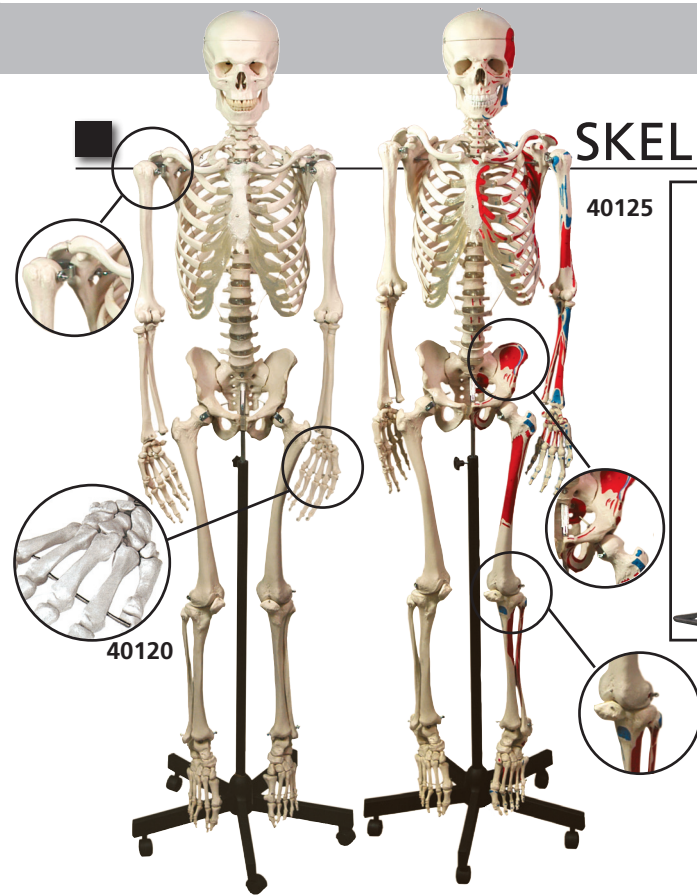


## SKELETONS



### • 40115 MINI SKELETON

Height: 80 cm Weight: 1.5 kg. This 1/2 life size model shows the anatomy of the human skeleton in high detail. The skull can be disassembled into 3 parts: skullcap, base of skull and mandible. All the main joints are articulated. Arms and legs can be removed easily. Mounted on a stand for hanging.

### • 40120 HUMAN SKELETON

Height: 170 cm. Weight: approx 10 kg. This model is a replica of a life size human skeleton and shows all the skeleton parts in high detail. It's hand-assembled to provide intricate details and long-lasting durability. The main joints are articulated; the upper and lower limbs can be removed easily. The following parts are detachable: Calvarium, Skull, Jaw, Arms, Legs. Supplied with 5-caster roller stand.

### • 40125 MUSCULAR HUMAN SKELETON

Same as code 40120 but with the left side of the skeleton showing the point of origin (red) and the point of insertion (blue) of the muscles.

## KNEE AND SHOULDER

### • 40140 SHOULDER JOINT

Size: 29x12x12cm - 560g -

1 part - 1X

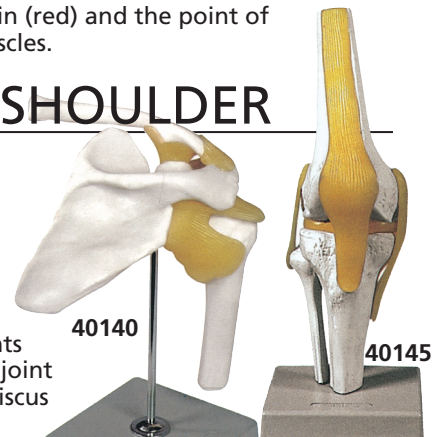
Mounted on stand.

### • 40145 KNEE JOINT

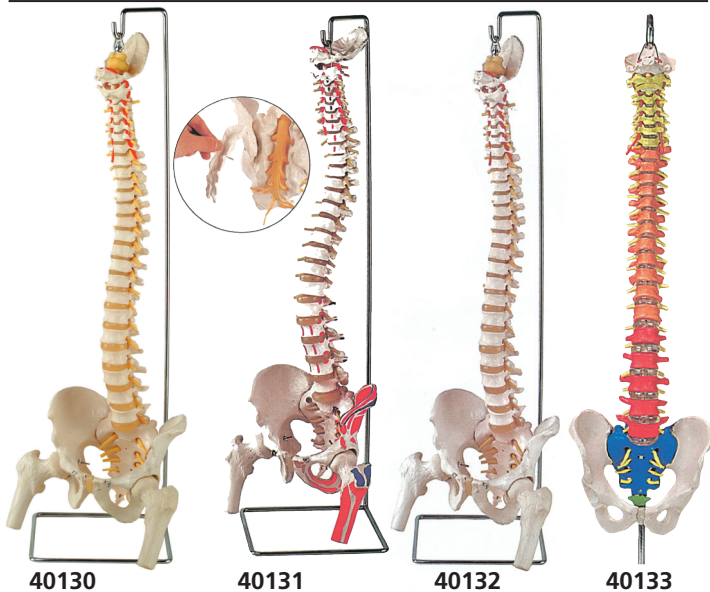
Size: 12x12x31cm - 440g -

1 part - 1X

The life size model represents a functional model of knee joint with lateral ligaments, meniscus and patellar ligament.



## VERTEBRAL COLUMNS



### FLEXIBLE VERTEBRAL COLUMNS

Fully flexible life size vertebral columns consisting of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads (only 40130,31,32).

All models also feature representation of the vertebral arteries, spinal nerve branches, and a prolapsed L3-L4 intervertebral disc.

On 40131 the left side of the skeleton shows the points of origin (red) and the point of insertion (blue) of the muscles. On 40131 and 40132 the sacral crest and coccyx are removable to show the sacral section of the spinal cord and associated nerve branches.

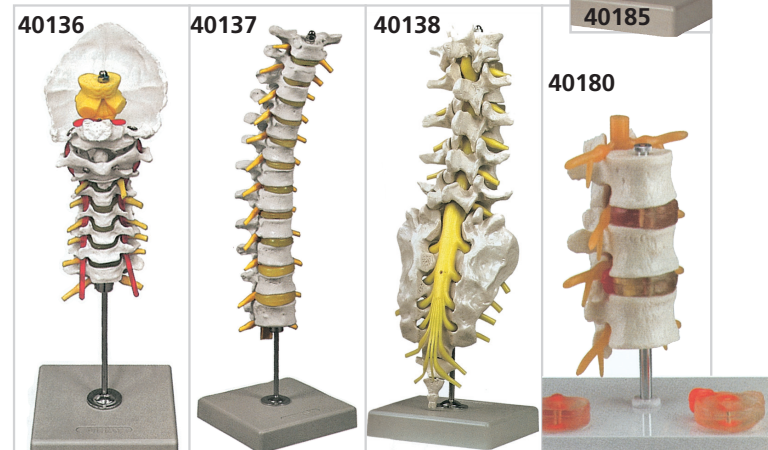
On 40133 the various regions of the spinal column are colour coded for easy identification.

GIMA code	FLEXIBLE VERTEBRAL COLUMNS	Size cm	Weight	Magnif.
40130	VERTEBRAL COLUMN with femur heads	95x20x20	3 kg	1X
40131	VERTEBRAL COL with femur + muscle	95x20x20	3 kg	1X
40132	VERTEBRAL COL with femur + open sacrum	95x20x20	3 kg	1X
40133	SPINAL COL with colour coded regions	98x23x23	970 g	1X

## SKELETAL SYSTEM

### Advanced osteoporosis model.

Shows 3 vertebrae: one healthy vertebra, one vertebra with pathological changes at first stage, one vertebra with pathological changes at advanced stage.



**Cervical spinal column** consists of 7 cervical vertebrae with intervertebral discs, occipital plate, cervical nerves, vertebral arteries, spinal cord and brain stem.

**Thoracic spinal column** consists of 12 thoracic vertebrae with intervertebral discs, thoracic nerves and spinal cord.

**Lumbar spinal column with sacral and coccyx bones.** It consists of 5 lumbar vertebrae with intervertebral discs, lumbar nerves and spinal cord. The sacral crest and coccyx are removable.

**3 lumbar vertebrae with hernia and prolapsed intervertebral disc.** Shows 3 lumbar vertebrae with spinal nerves, dura mater and 2 intervertebral discs affected by lateral and medial hernia.

GIMA code	SKELETAL SYSTEM	Size cm	Weight	Magnif.
40136	CERVICAL SPINAL COLUMN	12x12x22	350 g	1X
40137	THORACIC SPINAL COLUMN	12x12x40	600 g	1X
40138	LUMBAR SPINAL COLUMN	12x12x36	800 g	1X
40180	HERNIA PATHOLOGY	16.5x12x26	300 g	1X
40185	ADVANCED OSTEOPOROSIS	12x12x15	200 g	1X