



## LOCOMOTOR SYSTEM

Human locomotor system is a group of structures that allow the body to carry out any type of movement as well as keep the balance. This locomotor system is composed of the skeleton or osseous system (bones) and the muscular system (muscles).

## SKELETON MODELS

The human skeleton is made up of 206 bones that apart from protecting the internal organs and supporting and giving shape to the body they also provide a framework where muscles attach and act to make movement possible. The study and understanding of the morphology, localization and joint in which each bone participates is very important

in hospitals, schools, universities and laboratories. For this purpose, we offer this group of life-size anatomical models each one supplied with a didactic explanatory manual.

### Skeleton model



- 1 | Life-size skeleton representing the bones in the human body.
- 2 | The upper and lower members are easily detachable.
- 3 | Cranium with two parts to show its internal structure as well as suture lines.
- 4 | Mobile lower jaw presents 3 extractable teeth.
- 5 | Representation of both branches of the spinal nerves, vertebral arteries and a herniated lumbar disc.
- 6 | Support with wheels that gives stability and allows moving it easily.
- 7 | Includes a poster with the different skeleton parts detailed.

Code	QBB011
Dimensions	180 cm



## Human skeleton with muscles numerated



- 1 | Life-size human skeleton that represents the total bones and skeletal muscles numbered.
- 2 | Upper and lower members are easily detachable.
- 3 | The cranium presents two parts to show its internal structure as well as suture lines.
- 4 | Mobile lower jaw presents 3 extractable teeth.
- 5 | Representation of both branches of the spinal nerves, vertebral arteries and a herniated lumbar disc.
- 6 | Support with wheels that gives stability and allows moving it easily.
- 7 | Includes a poster with the different skeleton parts detailed and a complete manual where different bones and muscles are numbered and described.



Code	QBB012
Dimensions	180 cm

## Cranium model



- 1 | Life-size representation of the cranium and face skeleton.
- 2 | Detachable cranium dome to show its internal structure.
- 3 | mobile lower jaw presents 3 extractable teeth.

Code	QBB014
Dimensions	22x15x17 cm

### Vertebrae and pelvis model



- 1 | Classic model of the vertebral column to show the morphology and location of the cervical, thoracic, lumbar and sacral vertebrae as well as the intervertebral discs.
- 2 | The model also includes a representation of the pelvis.
- 3 | Support included.

Code	QBB006
Dimensions	92x34x15 cm

### Flexible vertebral column model



- 1 | Model shows the vertebral column and also includes the base of the occipital bone and the pelvis.
- 2 | They are also represented the spinal nerves roots, the vertebral arteries and a slipped disc between the 3d and 4th vertebrae.
- 3 | The column is flexible and is ideal to show the normal movements and most frequent pathologies.
- 4 | Aluminium support included.

Code	QBB007
Dimensions	92x34x15 cm



### Table mini skeleton



- 1 | With base in which the main components and structures of the human skeleton are represented.
- 2 | With detachable cranium dome and moile lower jaw.

Code	QBB010
Height	45 cm

### MUSCULAR SYSTEM

The main function of muscles is, together with bones and joints, to move the different parts of the body. For this purpose, muscles are joined to bones through fibrous structures called tendons.

#### Whole body with muscles, numbered

- 1 | Ideal for the study and learning of human anatomy.
- 2 | Placed vertically on a base support with high stability.
- 3 | It includes the representation of more than 400 structures of muscles and internal organs of human body and an explicative index.
- 4 | Some muscles and the group of internal organs are detachable in a total number of 31 pieces, thus allowing showing the different structures easily.



Code	48000095
Height	80X33X23 cm