



SINCE 1876

Somso Modelle  
Nature is  
our Model



MedicalSimulator  
INNOVACIÓN EN EDUCACIÓN

**QS 7/E**  
ARTIFICIAL HUMAN SKULL

natural cast, in SOMSO-Plast. Removable. Separates into 3 parts.  
L.: 17.5 cm., w.: 14.1 cm., s.: 51.2 cm., w.: 800 g



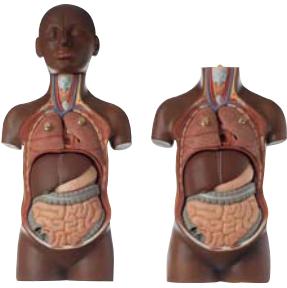
**AS 20/1**  
SMALL TRUNK OF YOUNG MAN WITH HEAD

about 1/2 natural size, in SOMSO-Plast. Separates into 11 parts. On a base. H.: 52 cm. (trunk 49 cm.), w.: 21 cm., d.: 18 cm., w.: 3.15 kg

**AS 20/5**  
SMALL TRUNK OF YOUNG MAN WITH HEAD (WITHOUT ILLUSTRATION)

about 1/3 natural size, in SOMSO-Plast. Separates into 9 parts. On a base, removable. H.: 37 cm. (trunk 35 cm.), w.: 17.5 cm., d.: 14 cm., w.: 2 kg

**AS 20/5 B**  
SMALL TRUNK OF YOUNG MAN WITH HEAD  
*description as for AS 20/5, but black colour*



**AS 20/4**  
SMALL TORSO OF YOUNG MAN WITHOUT HEAD

about 1/3 natural size, in SOMSO-Plast. Separates into 7 parts. Removable from base. H.: 28 cm. (torso 26 cm.), w.: 17.5 cm., d.: 14 cm., w.: 1.7 kg

**AS 20/4 B**  
SMALL TORSO OF YOUNG MAN WITHOUT HEAD (WITHOUT ILLUSTRATION)  
*description as for AS 20/4, but black in colour*

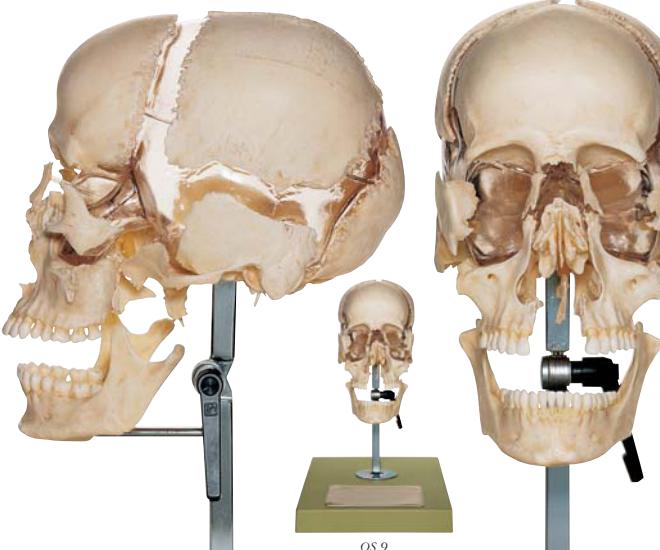
For over 130 years, SOMSO has developed a range of models which is unique in variety and high quality standard. More than 1000 models of anatomy, zoology and botany are available in their scientific accuracy and high aesthetic.

A supplement of the whole programme of SOMSO models is shown in this prospect. We are showing a small selection of our programme of SOMSO-models in this leaflet A 76/7.



**QS 21/1**  
VERTEBRAL COLUMN WITH PELVIS

natural cast, in SOMSO-Plast. Mounted and movable. Without stand. W.: 2.3 kg



**QS 9**  
ARTIFICIAL BAUCHENE SKULL OF AN ADULT

natural cast, in SOMSO-Plast. Separates altogether into 16 parts. H.: 40 cm., w.: 26 cm., d.: 39 cm., w.: 1.9 kg

**QS 68/3**  
CENTRAL AND DORSO-LATERAL HERNIA  
*of intervertebral disc, natural size, in SOMSO-Plast. Separates into 5 parts. On a stand with base. H.: 13 cm., w.: 14 cm., d.: 15 cm., w.: 300 g*



**QS 10/1**  
ARTIFICIAL HUMAN SKELETON

natural cast, in SOMSO-Plast. Joints mounted and movable, except feet and hands. Mounted upright on a stand. With a dustproof cover. H.: 180 cm. (Skeleton 170 cm.), w.: 55 cm., d.: 55 cm., w.: 10.4 kg

QS 10/1



**DS 3**  
EAR

enlarged approximately 3 times, in SOMSO-Plast. Altogether 3 parts. Tympanic membrane with malleus, incus and labyrinth with stapes can be removed. On a base. H.: 21 cm., w.: 32 cm., d.: 19 cm., w.: 1.2 kg



DS 3

**QS 69**  
THE THREE AUDITORY OSSICLES

cast from natural specimen, in SOMSO-Plast. Malleus, incus and stapes mounted under -Plexiglas- cover. On a base plate. H.: 3 cm., w.: 12 cm., d.: 12 cm., w.: 80 g



QS 69

BS 21

**BS 21**  
BRAIN

natural cast, in SOMSO-Plast. Two parts, median section. On a base. H.: 15 cm., w.: 16 cm., d.: 17 cm., w.: 800 g



**CS 5**  
EYEBALL

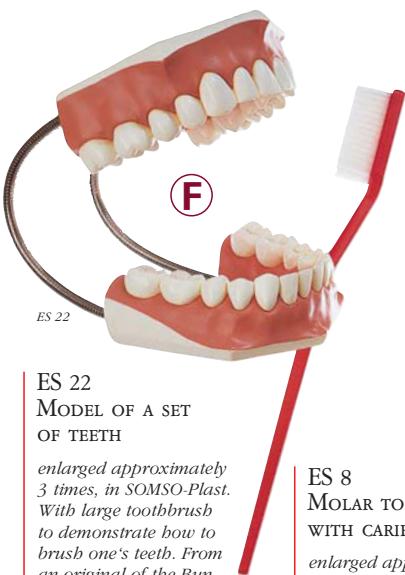
enlarged approximately 4 times, in SOMSO-Plast. Separates into 6 parts: sclerotic membrane (2), choroid membrane (2), vitreous humour; lens. On a base. H.: 18 cm., w.: 12 cm., d.: 12 cm., w.: 400 g



KS 2

**KS 2**  
SECTION OF SKIN

enlarged approximately 70 times, in SOMSO-Plast. In one piece. Mounted on board. H.: 25 cm., w.: 35 cm., d.: 5 cm., w.: 1.1 kg



**Important information:**  
Functional models make biological processes easier to understand. All functional models in this prospectus are marked **F**.

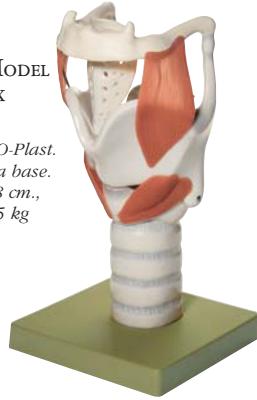
SOMSO models are made of unbreakable SOMSO-Plast.

SOMSO is offering a programme of more than 1000 models of anatomy, zoology and botany.

SOMSO models are subject to a strict quality control.

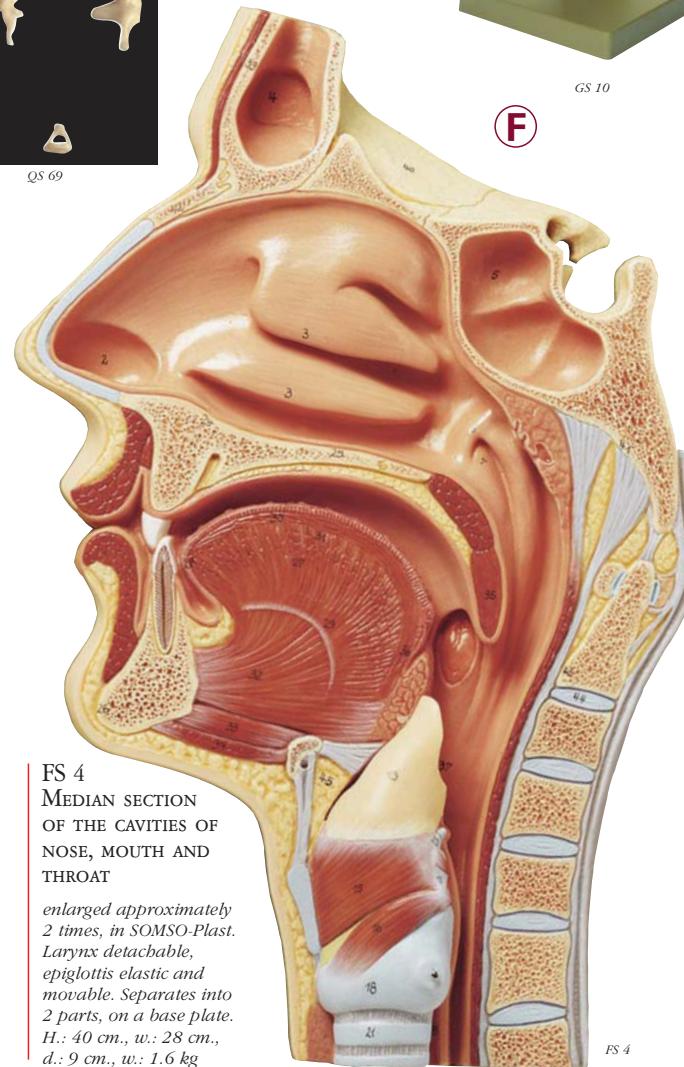
**GS 10**  
FUNCTIONAL MODEL OF THE LARYNX

enlarged approx. 3 times, in SOMSO-Plast. In one piece. On a base. H.: 32 cm., w.: 18 cm., d.: 18 cm., w.: 1.5 kg



GS 10

(F)



**FS 4**  
MEDIAN SECTION OF THE CAVITIES OF NOSE, MOUTH AND THROAT

enlarged approximately 2 times, in SOMSO-Plast. Larynx detachable, epiglottis elastic and movable. Separates into 2 parts, on a base plate. H.: 40 cm., w.: 28 cm., d.: 9 cm., w.: 1.6 kg

FS 4



The "SOMSO SUN" is the registered trademark for more than 1000 anatomy, zoology and botany models. The symbol of high quality, state of the art teaching aids.

*The complete series  
consists of 8 models*

**MS 12/3**  
UTERUS WITH  
EMBRYO IN THIRD  
MONTH

*natural size, in SOMSO-  
Plast. In one piece, on  
a stand with base.  
H.: 20 cm., w.: 12 cm.,  
d.: 12 cm., w.: 300 g*



MS 12/7

**MS 12/7**  
UTERUS WITH FETUS  
IN SEVENTH MONTH

*natural size, in SOMSO-  
Plast. Altogether in 2  
parts. Fetus in normal  
position and removable  
from the uterus.*

*On a stand and base.  
H.: 29 cm., w.: 15 cm.,  
d.: 15 cm., w.: 900 g*



MS 12/3



MS 12/8

**MS 12/8**  
UTERUS WITH  
TWIN FETUS IN FIFTH  
MONTH

*natural size, in SOMSO-  
Plast. Normal position,  
each fetus is removable  
from the uterus.  
Altogether in 3 parts.  
On a stand and base.  
H.: 25 cm., w.: 16 cm.,  
d.: 15 cm., w.: 600 g*



MS 5/2

**MODEL OF THE  
FEMALE SEXUAL  
ORGANS**

*Natural size, in SOMSO-  
Plast. Developed in  
co-operation with Ober-  
studienrätin Angelika  
Beck. H.: 23 cm.,  
w.: 49 cm., d.: 26 cm.,  
w.: 2.5 kg*



MS 5/2

**QS 3**  
ARTIFICIAL SKULL  
OF A FETUS

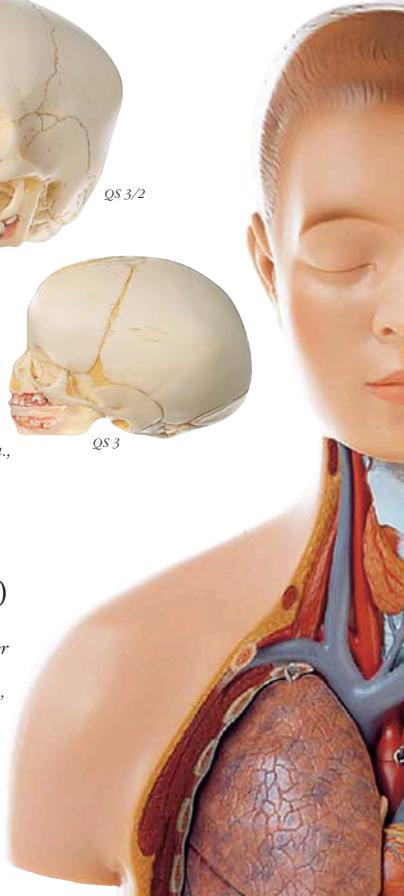
*natural cast, in  
SOMSO-Plast. In one  
piece. L.: 11.8 cm.,  
w.: 9.3 cm., size: 33.5 cm.,  
w.: 170 g*



QS 3/2

**QS 3/2**  
ARTIFICIAL SKULL  
OF CHILD  
(ABOUT 6 YEARS OLD)

*natural cast, in  
SOMSO-Plast. Altogether  
2 parts. L.: 16 cm.,  
w.: 11.5 cm., size: 44 cm.,  
w.: 380 g*



**SOMSO  
GUARANTEE**  
**5 Years**

*No other  
manufacturer in  
this field offers  
a full five-year  
warranty - on  
nearly all models -  
that covers both  
durability and  
workmanship.*



**MS 53/B**  
NURSING BABY, MALE

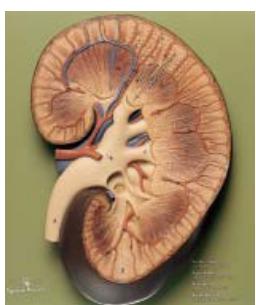
*corresponding approx.  
to the size and weight  
of a 6-week-old-baby.  
In soft SOMSO-Plast, but  
black in colour. Size of  
the head.: 35.4 cm.,  
l.: 54 cm., w.: 3.5 kg*

**MS 58**  
NEWBORN BABY,  
MALE

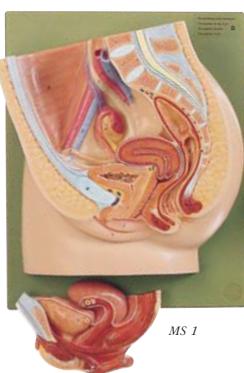
*in soft SOMSO-Plast.  
Size of the head: 34 cm.,  
l.: 46 cm., w.: 2.2 kg*

**LS 4**  
RIGHT KIDNEY

*enlarged approximately  
3 times, in SOMSO-  
Plast. In one piece. On  
a board. H.: 32 cm.,  
w.: 26 cm., d.: 7 cm.,  
w.: 1 kg*



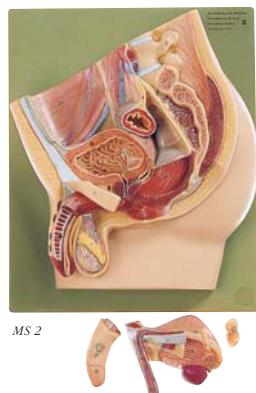
LS 4



MS 1

**MS 1**  
MEDIAN SECTION OF  
THE FEMALE PELVIS

*natural size, in SOMSO-  
Plast. Separates into  
2 parts. On a board.  
H.: 33 cm., w.: 27 cm.,  
d.: 12 cm., w.: 1.5 kg*



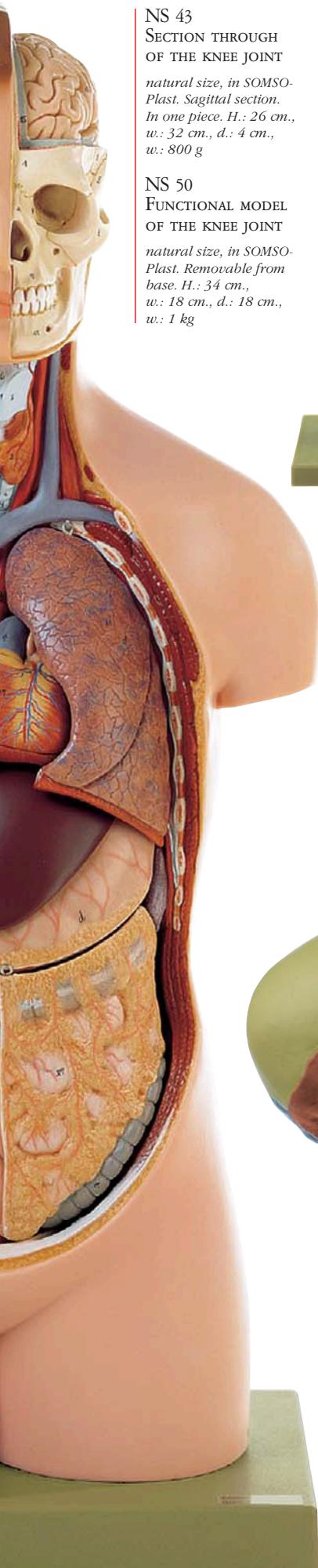
MS 2

**MS 2**  
MEDIAN SECTION OF  
THE MALE PELVIS

*natural size, in SOMSO-  
Plast. Altogether 4 parts.  
On a board. H.: 33 cm.,  
w.: 27 cm., d.: 14 cm.,  
w.: 1.3 kg*

AS 15/E



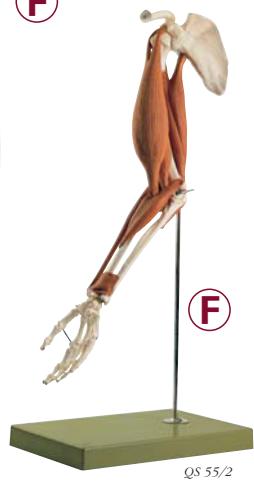


**NS 43**  
SECTION THROUGH  
OF THE KNEE JOINT  
*natural size, in SOMSO-  
Plast. Sagittal section.  
In one piece. H.: 26 cm.,  
w.: 32 cm., d.: 4 cm.,  
w.: 800 g*



**NS 50**  
FUNCTIONAL MODEL  
OF THE KNEE JOINT  
*natural size, in SOMSO-  
Plast. Removable from  
base. H.: 34 cm.,  
w.: 18 cm., d.: 18 cm.,  
w.: 1 kg*

(F) NS 50



**AS 3**  
MALE MUSCLE  
FIGURE

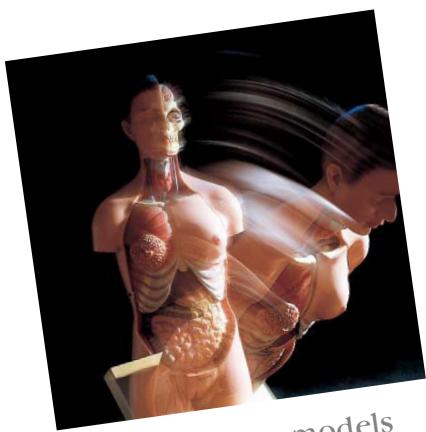
*about 1/4 natural size,  
in SOMSO-Plast. Not  
detachable. On a base  
(removable). H.: 53 cm.  
(figure 50 cm.),  
w.: 33 cm., d.: 15 cm.,  
w.: 1.5 kg*

**QS 55/2**  
MOVEMENT OF  
MUSCLES IN THE  
UPPER ARM AND  
FOREARM

*Natural size, in SOMSO-  
Plast. Showing the bend-  
ing and stretching  
muscles of the upper  
arm and the rotator  
muscles of the forearm.  
By bending and stretch-  
ing the arm, the  
flexion and extension as  
well as the movements  
around the rotary  
axis, the pronator and  
supinator muscles can  
be demonstrated. On  
a stand and base.  
H.: 83 cm., w.: 45 cm.,  
d.: 26 cm., w.: 2 kg*



SOMSO knows what is required  
of classroom models. Plastic and paints,  
which can withstand repeated  
separation and reassembly,  
are formulated to meet  
these requirements.



The fact that many models  
are still in use after many years  
proves the high  
mechanical strength of  
SOMSO models.



**QS 8/3**  
14-PIECE MODEL OF  
THE SKULL

*natural size, in SOMSO-  
Plast, after Prof. Dr. J. W.  
Roben. W.: 700 g*

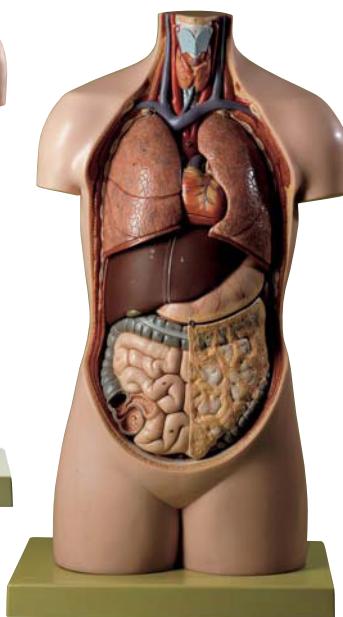
**AS 15/E**  
TORSO OF YOUNG  
MAN WITH HEAD

*natural size, in SOMSO-  
Plast. Separates into  
8 parts. On a base.  
H.: 91 cm. (torso 87 cm.),  
w.: 39 cm., d.: 26 cm.,  
w.: 9.2 kg*



**AS 4/1**  
TORSO WITH HEAD  
AND INTERCHANGE-  
ABLE MALE AND  
FEMALE GENITALIA

*natural size, in SOMSO-  
Plast. Separates into  
16 parts. On a base.  
H.: 92 cm. (torso 88 cm.),  
w.: 40 cm., d.: 26 cm.,  
w.: 12 kg*



**AS 11/E**  
TRUNK OF YOUNG  
MAN WITHOUT HEAD

*natural size, in SOMSO-  
Plast. Separates into  
8 parts. On a base.  
H.: 73 cm. (torso 69 cm.),  
w.: 39 cm., d.: 26 cm.,  
w.: 8.2 kg*

**The series of  
Anthropological  
skulls produced  
using casting patterns  
from the collection  
of the Faculty for  
Anthropology of  
the University of  
Goettingen and the  
Staatliches Museum  
für Naturkunde in  
Stuttgart.**

**S 1**  
RECONSTRUCTION  
OF A SKULL OF  
AUSTRALOPITHECUS  
BOISEI

natural size. In SOMSO-  
Plast. Separates into  
2 parts. W.: 765 g

**The amphibians  
and reptiles of central  
europe can be accurately  
identified using  
SOMSO models. All  
animal sculptures  
are racially typical,  
in SOMSO-Plast and  
natural sized. The  
series was developed  
in co-operation with  
Studiendirektor  
Christian Groß.**



Ventral view ZoS 1009

**ZoS 1006/1**  
CRESTED NEWT, MALE

*Triturus cristatus.*  
H.: 14 cm., w.: 18 cm.,  
d.: 18 cm., w.: 200 g\*

**ZoS 1036**  
COMMON VIPER,  
YOUNG MALE

*vipera berus.* H.: 10 cm.,  
w.: 18 cm., d.: 18 cm.,  
w.: 300 g\*

**ZoS 1023**  
EDIBLE FROG, MALE

*rana esculenta.*  
H.: 7.5 cm, w.: 12 cm.,  
d.: 12 cm., w.: 200 g\*

**ZoS 1002**  
FIRE SALAMANDER,  
FEMALE

*salamandra s. salamandra.* H.: 7.5 cm,  
w.: 12 cm., d.: 12 cm.,  
w.: 200 g\*



SINCE 1876

**S 3**  
RECONSTRUCTION  
OF A SKULL OF HOMO  
SAPIENS NEANDER  
THALENSIS  
*natural size. In SOMSO-  
Plast. Separates into  
2 parts. W.: 870 g*

**S 3/1**  
RECONSTRUCTION OF  
THE SKULL OF HOMO  
HABILIS (OH. 24)  
*natural size. In SOMSO-  
Plast. Separates into  
2 parts. W.: 510 g*

**S 4**  
RECONSTRUCTION OF  
A SKULL OF A FOSSILE  
HOMO SAPIENS SAPIENS  
*natural size. In SOMSO-  
Plast. Separates into  
2 parts. W.: 830 g*

**S 5**  
AUSTRALOPITHECUS  
AFRICANUS  
*natural size. In SOMSO-  
Plast. Separates into  
2 parts. W.: 570 g*

**S 7**  
RECONSTRUCTION OF  
AUSTRALOPITHECUS  
AFARENSIS  
*natural size. In SOMSO-  
Plast. Separates into  
2 parts. W.: 600 g*

*'Each model is supplied in  
a transparent dustproof  
cover appropriate size.'*



S 3



S 1



S 4



S 3/1



S 7



ZoS 1009



ZoS 1036



ZoS 1016/2



ZoS 1030

**ZoS 1030**  
SAND LIZARD, MALE  
*lacerta agilis.*  
H.: 10 cm., w.: 18 cm.,  
d.: 18 cm., w.: 230 g\*

**ZoS 1009**  
YELLOW-BELLIED  
TOAD

*bombina variegata.*  
H.: 7.5 cm., w.: 12 cm.,  
d.: 12 cm., w.: 100 g\*

**ZoS 1013**  
COMMON TOAD,  
FEMALE

*bufo bufo.* H.: 7.5 cm.,  
w.: 12 cm., d.: 12 cm.,  
w.: 200 g\*

**ZoS 1016/2**  
COMMON TREE FROG,  
FEMALE, NORMAL  
POSITION

*Hyla arborea.*  
H.: 7.5 cm., w.: 12 cm.,  
d.: 12 cm., w.: 100 g\*



**ZoS 50/1**  
SKULL OF YOUNG  
GORILLA

*gorilla g. gorilla* (Savage  
and Wyman 1847),  
male (1 1/2 years old),  
natural cast. In SOMSO-  
Plast. Separates into  
2 parts. W.: 1.07 kg

**ZoS 52**  
SKULL OF  
ORANG-UTAN

*Pongo p. pygmaeus*  
(Hopkins 1763), male,  
natural cast. In SOMSO-  
Plast. Separates into  
2 parts. W.: 560 g

**ZoS 53**  
SKULL OF  
CHIMPANZEE

*Pan. tr. troglodytes*  
(Blumenbach 1799),  
male, natural cast. In  
SOMSO-Plast. Separates  
into 2 parts. W.: 420 g

„Nature is our model“ - with regard to production it means that SOMSO is meticulous down to the smallest detail - in both form and scientific accuracy.



BoS 4/10  
MODEL OF A HAZEL-NUT POLLEN GRAIN

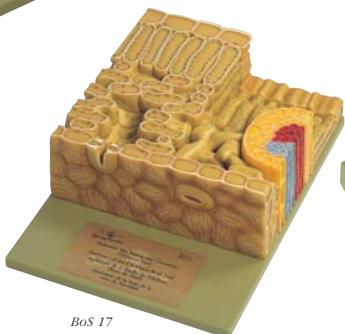
*Corylus avellana*. Scala 3800.1, in SOMSO-Plast. After Prof. Dr. Beug. In one piece. W.: 100 g



enlarged 10000 times, in SOMSO-Plast. After Studiendirektor Christian Groß. In one piece, on a stand with base and explanatory notes. Height of the model: 22 cm., total H.: 37 cm., w.: 18 cm., d.: 18 cm., w.: 1 kg

ZoS 101  
MODEL OF A SINGLE CELL CHANGING ANIMALCULE

*Amoeba proteus*, enlarged approx. 1000 times, after Prof. Dr. M. Lindauer and St. Dir. Christian Groß. In SOMSO-Plast. On a base with explanatory notes. Separates into 2 parts. H.: 8 cm., w.: 48 cm., d.: 31 cm., w.: 1.8 kg



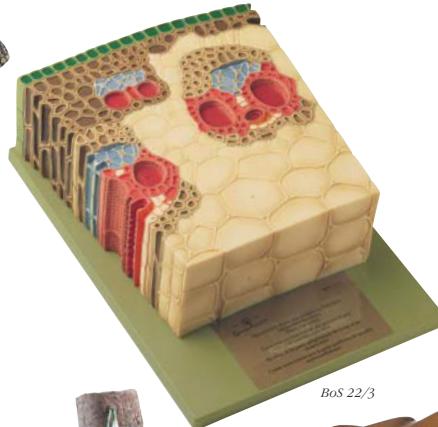
BoS 17/3  
MAIZE LEAF IN LONGITUDINAL AND CROSS SECTION

*Zea mays*, enlarged approx. 450 times, in SOMSO-Plast. In one piece, on a stand with base and description key. H.: 20 cm., w.: 38.5 cm., d.: 12 cm., w.: 3 kg



BoS 15/33  
PLANT CELL

*Theobroma cacao*, natural size, made of SOMSO-Plast. According to Prof. Dr. W. Weber. Separable into 7 parts. On a base. H.: 30 cm., w.: 17.5 cm., d.: 17.5 cm., w.: 2 kg



enlarged 3000 times, in SOMSO-Plast. As per Prof. Dr. W. Jung. Showing the microscopic structure. On a base with explanatory note. In one piece. H.: 7 cm., w.: 32 cm., d.: 19 cm., w.: 700 g

BoS 16/1  
PLANT CELL

enlarged approximately 6000 times, made in special transparent plastic. After Prof. Dr. W. Weber. On a base with description. In one piece. H.: 36 cm., w.: 31 cm., d.: 27 cm., w.: 1.7 kg

BoS 17  
DECIDUOUS LEAF

enlarged 700 times, in SOMSO-Plast. After Prof. Dr. W. Weber. In one piece. On a base plate, with explanatory key. H.: 39 cm., w.: 28 cm., d.: 12 cm., w.: 2.8 kg

BoS 22/3  
SECTION THROUGH THE PERIPHERAL PART OF A MONOCOTYLE STEM

*Maize, zea mays*, enlarged approx. 550 times, in SOMSO-Plast. After Prof. Dr. W. Jung. In one piece, on a base plate with explanatory key. H.: 49 cm., w.: 30 cm., d.: 12 cm., w.: 2.8 kg



BoS 26  
AGARICUS CAMPESTER (L.) FR. Edible. H.: 13 cm., w.: 12 cm., d.: 12 cm., w.: 200 g

BoS 28  
CANTHARELLUS CIBARIUS

FR. Edible. H.: 9 cm., w.: 12 cm., d.: 12 cm., w.: 200 g

BoS 31  
BOLETUS EDULIS

BULL. ex FR. Edible. H.: 15 cm., w.: 13 cm., d.: 12 cm., w.: 350 g

ZoS 26

#### DOMESTIC HEN

*natural size, in SOMSO-Plast. Altogether 5 parts. On a base. H.: 49 cm., w.: 45 cm., d.: 26 cm., w.: 2.4 kg*

ZoS 48/1

#### HEAD OF BEE

*apis mellifica, on a scale 50:1. Separates into 2 parts. On a stand with base. H.: 34 cm., w.: 18 cm., d.: 19 cm., w.: 800 g*

ZoS 100

#### WATER FROG

*rana esculenta. After Studiendirektor C. Groß. Illustration ratio 4:1, in SOMSO-Plast. Separates into 3 parts. On a base plate. H.: 39 cm., w.: 62 cm., d.: 12 cm., w.: 3.9 kg*



ZoS 48/1



ZoS 105

#### ANATOMY OF A BONY FISH

*natural size, in SOMSO-Plast. Separates into 4 parts. On a stand with base. H.: 35 cm., w.: 49 cm., d.: 15 cm., w.: 1.6 kg*



ZoS 105

ZoS 108

#### EARTHWORM

*lumbricus terrestris, enlarged 25 times, in SOMSO-Plast. After Studiendirektor C. Groß. Separates into 3 parts. On a stand. H.: 25 cm., w.: 53 cm., d.: 14 cm., w.: 2.2 kg*



*Make sure you have the original with the SOMSO-SUN®*



SINCE 1876



BoS 15/7

BoS 15/7

#### MODEL SHOWING GERMINATION

*a collection for comparing the germination of rye (10 times enlarged), bean (5 times enlarged) and fir (20 times enlarged). In SOMSO-Plast. After Prof. Dr. W. Jung and Prof. Dr. W. Weber. Separates into 8 parts. On a base. H.: 37 cm., w.: 54 cm., d.: 14 cm., w.: 3.7 kg*

BoS 1

*pirus malus, modelled from nature, enlarged approx. 10 times. Separates into 6 parts. On a stand with base. H. 41 cm., w.: 48 cm., d.: 45 cm., w.: 1.8 kg*

BoS 15/10  
EXAMPLE OF „FREE“  
PERIANTH LOBED  
ANGIOSPERM BLOSSOM

*enlarged approx. 10 times, in SOMSO-Plast. After Prof. Dr. W. Jung and Prof. Dr. W. Weber. Separates into 11 parts. On a base with explanation. H.: 54 cm., w.: 39 cm., d.: 37 cm., w.: 2.4 kg*

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BoS 1

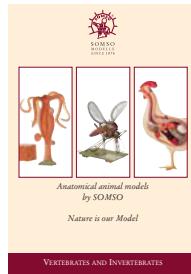


BoS 15/10

A 75

A 75/1

A 75/2+3



*SOMSO Modelle is offering more than 1000 models in the 3 versions: General catalogue, anatomy catalogue and zoology + botany catalogue. SOMSO models are available in many individual variants and for all didactic fields. Please ask your dealer:*

*With the compliments of:*



Medical Simulator  
INNOVACIÓN EN EDUCACIÓN

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info@medical-simulator.com

