Product catalog 2017

The original bone models since 2006
Through its BONETRAINING brand, SELMODELS offers a complete variety of dental models for implant training and education.

**Selmodels is the unique company worldwide manufacturing dental models with the four densities of bone : D1-D2-D3-D4**

The products we have are the result of our delicate, patient and careful craftsmanship which make every single one of our models unique.

The dental world is constantly changing and new and advanced technologies are emerging every day.

Our goal is for all our clients, implants specialists, dental schools, professors, students and future dental professionals to have the most advanced and realistic models for their daily training and practice.

Our models are always evolving. They are realistic, creative and innovative to satisfy the diverse and constant demand of our clients worldwide. We are committed to quality, reliability and craftsmanship.

We will be happy to adapt to your particular needs, design or make the models that you require.

Bonetraining models are classified available for:

- Incision, suture
- Drilling
- Sinus lift
- Bone graft
- Implant comprehensive training
- Implant installation
- Zygoma implant installation
- Patient education
- Stomatognatics models
- Prosthetic models
- Biomechanical models

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Mr. Sergio Labanda  
General Manager / founder  Selmodels S.L.
Because everybody is special and has different needs we are flexible and accommodating. We would be very happy to work with you to design and create any models according to your particular requirements.
3D models

Selmodels is working for a multi-purpose design platform for creating complex, sculptural, production-ready 3D models for 3D printing, or mold and die manufacturing.

Selmodels has a new and faster SLS machine (Selective Laser Sintering) 3D Systems Vanguard HS SI2.

SLS Selective Laser Sintering (PA powder)

With laser sintering technology, we build **functional parts** with mechanical properties similar to the injection thermoplastics. This technology is also used for the manufacturing of final parts (Rapid Manufacturing). This material can be finished (**sanding, machining, and drilling**). Selmodels has **two selective laser sintering machines of polyamide powder (SLS)**, which allow us to build large components on a very short deadline.

Manufacture large production based on real patients with simulation of the real mucosa

The original bone models since 2006
Mandible 4 densities (drillable): D1-D2-D3-D4

Ref. DM-203
Mandible 4 densities
Test the densities D1-D2-D3-D4 in the same mandible

SELMODELS is the only manufacturer worldwide making all the drill models with the 4 bone densities: D1-D2-D3-D4

Lower Jaw Density Models / Soft Gingiva Set

Ref. DM-3100
Lower jaw/soft gingiva set 4 models: D1-D2-D3-D4

4 Bone Density Platform

Ref. 455.2
Complete the set with acrylic denture
Blocks of 1 mm of cortical bone D1 and cancellous bone D1-D2-D3-D4

Generic Slice

Ref. 350 D1
351 D2
352 D3
353 D4

Block 1 mm of cortical bone D1 and cancellous bone D1-D2-D3-D4

Generic Slice with soft gingiva

Ref. 350 G D1
351 G D2
352 G D3
353 G D4

Implant training plate 100 X 50 X 16 mm.
Made of special material similar to human bone.

Ref. 451 D1
Ref. 452 D2
Ref. 453 D3
Ref. 454 D4
This Anesthesia model with buzzer can be installed at the Phantom Head, students can practice various dental anesthesia operation realistically, there are 13 typical anesthesia needle into places in upper&lower jaws.

If students insert correctly into the places, the buzzer will signal promptly.
Drillable models

The original bone models since 2006

Our model material behaves similar to natural bone during drilling and cutting.

Our models are made with a type of resin that simulate bone D1-D2-D3-D4.

We can produce specifically densities according needs implants, training purpose line our successfully density MIX D2 - D3.

The bone of all our models can be drilled to place implants or lets you use a piezo surgery for sinus lift techniques. And allows block grafts. The spongy leading techniques allows the splint.
The original bone models since 2006

Our model material behaves similar to natural bone during drilling and cutting.

Maxilla

Ref. DM – 101
Ref. DM – 102
Ref. DM – 103
Ref. DM – 106
Ref. DM – 107
Ref. DM – 601
Ref. DM - 301
Ref. DM – 108
Ref. DM – 400
The original bone models since 2006

Our model material behaves similar to natural bone during drilling and cutting

Maxilla

Ref. DM – 701
Ref. DM – 702
Ref. DM – 703
Ref. DM – 704
Ref. DM – 705
Ref. DM – 706
Ref. DM – 707
Ref. DM – 708
Ref. DM – 709
The original bone models since 2006

Our model material behaves similar to natural bone during drilling and cutting

Lower jaw model

Ref. DM – 113
Ref. DM - 602
Ref. DM - 710

Ref. DM – 302
Ref. DM - 711
Ref. DM – 611

Ref. DM – 115
Ref. DM - 712
Ref. DM – 603

NEW
The original bone models since 2006

Our model material behaves similar to natural bone during drilling and cutting

Transparent lower jaw drillable model

Ref. DM – 2002

Ref. DM - 118

Ref. DM – 604

Clear resin overdenture

Surgical guide

Selmodels is the unique company worldwide manufacturing dental models with the four densities of bone: D1-D2-D3-D4 or manufacture customized densities according the design of the implants and needs

Possibility to produce different densities in the same model upon request
The original bone models since 2006

Our model material behaves similar to natural bone during drilling and cutting

Mandible

Ref. DM – 201
Narrow crest 3 mm anterior area

Order the model with the bone density you need:
DM- XXX – D1/D2/D3/D4 or MIX D2-D3
Example: DM-101-D3

Ref. DM – 148
Wide ridge 6 mm anterior area

Possibility to produce different densities in the same model upon request

Ref. DM – 401
Wide ridge 8 mm anterior area

4 bone densities in one mandible

Ref. DM – 203
4 densities mandible: D1-D2-D3-D4

Ref. DM – 153

Ref. DM – 149

Ref. DM – 605
The original bone models since 2006

Mandible

Our model material behaves similar to natural bone during drilling and cutting

Order the model with the bone density you need:
DM- XXX – D1/D2/D3/D4 or MIX D2-D3
Example: DM-101-D3

Possibility to produce diferents densities in the same model upon request
The original bone models since 2006

Mandible

Our model material behaves similar to natural bone during drilling and cutting.

Order the model with the bone density you need:
DM- XXX – D1/D2/D3/D4 or MIX D2-D3
Example : DM-101-D3

Possibility to produce different densities in the same model upon request.
Our gingiva is made from a mixture of silicon and other polyurethane that allows it to be cut by a scalpel and sutured. Its consistency resembles the actual fabric allowing connective tissue graft take.

Connective tissue upon request
Maxilla with soft gingiva

Our gingiva allows to be cut by a scalpel and sutured.
Connective tissue upon request
Maxilla with soft gingiva

Our gingiva is made from a mixture of silicon and other polyurethane that allows it to be cut by a scalpel and sutured. Its consistency resembles the actual fabric allowing connective tissue graft take.

Connective tissue upon request
The original bone models since 2006
Our model material behaves similar to natural bone during drilling and cutting

Mandible with soft gingiva

Order the model with the bone density you need:

DM- XXX – D1/D2/D3/D4 or MIX D3-D2
Example: DM-101-D3

Ref. DM – 160
Ref. DM – 159
Ref. DM - 158

Ref. DM – 612

Soft tissue models

Ref. DM – 611
Ref. DM – 621
Ref. DM - 308
The original bone models since 2006
Our model material behaves similar to natural bone during drilling and cutting

Lower jaw with soft gingiva

Order the model with the bone density you need:
DM- XXX – D1/D2/D3/D4 or MIX D3-D2
Example: DM-101-D3

Ref. DM – 407
Ref. DM - 116
Ref. DM - 307
Lower jaw with soft gingiva

Order the model with the bone density you need:
DM-XXX – D1/D2/D3/D4 or MIX D3-D2
Example: DM-101-D3

Complete the model with overdenture or surgical guide

Real customized models for training and education
The original bone models since 2006
Our model material behaves similar to natural bone during drilling and cutting

Customized surgical models articulated

Scanable material for CAD/CAM demonstration.
Prosthetic training.
Customization with logo printed

NEW
Ref. DM – 617

Order the model with the bone density you need:
DM- XXX – D1/D2/D3/D4 or MIX D2-D3
Example: DM-101-D3

Possibility to produce different densities in the same model upon request

Because everybody is special and has different needs we are flexible and accommodating. We would be very happy to work with you to design and create any models according to your particular requirements.
The original bone models since 2006
Our model material behaves similar to natural bone during drilling and cutting

Models for extraction teeth practices

Ref. DM – 404
Apiceptomy maxilla
Extractioned teeth with infection simulation

Ref. DM – 405
Extractioned teeth
Schneider membrane

Ref. DM - 406
Acrylic bone material for bone grafting training

Ref. DM - 419
Perfect Partial edentulous maxilla with soft tissue. Perfect socket in both, central incisor and left first molar. Dehiscence in the socket of central incisor. Severely atropy in zone of right molar
The original bone models since 2006
Our model material behaves similar to natural bone during drilling and cutting

Models for extraction teeth practices

Ref. EXTM - 101
Extraction training teeth skull with periodontal ligament

Ref. EXTM - 102
Mandible 14 extractioned teeth
The original bone models since 2006
Our model material behaves similar to natural bone during drilling and cutting

Models for extraction teeth practices

Ref. EXTM - 103  Transparent model with extractioned teeth
Ref. EXTM - 104  Maxilla with 16 extractioned teeth
Ref. EXTM - 105  Lower jaw with 16 extractioned teeth
The internal walls of the maxillary sinus are treated to achieve a membrane-adhesion and surgical detachment is quite real. The membrane can be different thicknesses and a natural color.

Technical data :

Bone density : D1-D2-D3-D4
Thickness left side : 3-4 mm
Thickness right side : 5-7 mm

Both sinuses with Schneider membrane
Lateral window and osteotome method practice

All models can be customized to completely satisfy your needs.
The original bone models since 2006

Our model material behaves similar to natural bone during drilling and cutting.

The internal walls of the maxillary sinus are treated to achieve a membrane-adhesion and surgical detachment is quite real. The membrane can be different thicknesses and a natural color.

All models can be customized to completely satisfy your needs.

Technical data:
- Bone density: D1-D2-D3-D4
- Thickness left side: 3-4 mm
- Thickness right side: 5-7 mm
- Both sinuses with Schneider membrane

Ref. DM – 1100
Ref. DM – 617
Ref. DM – 132
Ref. DM – 134
Ref. DM – 135
The original bone models since 2006

Our model material behaves similar to natural bone during drilling and cutting.

Technical data:

- Bone density: D1-D2-D3-D4
- Thickness left side: 3-4 mm
- Thickness right side: 5-7 mm
- Both sinuses with Schneider membrane

All models can be customized to completely satisfy your needs.

The internal walls of the maxillary sinus are treated to achieve a membrane-adhesion and surgical detachment is quite real. The membrane can be different thicknesses and a natural color.
The original bone models since 2006

Our model material behaves similar to natural bone during drilling and cutting.

The internal walls of the maxillary sinus are treated to achieve a membrane-adhesion and surgical detachment is quite real. The membrane can be different thicknesses and a natural color.

Technical data:

Bone density: D1-D2-D3-D4
Thickness left side: 3-4 mm
Thickness right side: 5-7 mm
Both sinuses with Schneider membrane

All models can be customized to completely satisfy your needs.
The original bone models since 2006

Our model material behaves similar to natural bone during drilling and cutting.

Technical data:

- Bone density: D1-D2-D3-D4
- Thickness left side: 3-4 mm
- Thickness right side: 5-7 mm
- Both sinuses with Schneider membrane

All models can be customized to completely satisfy your needs.

The internal walls of the maxillary sinus are treated to achieve a membrane-adhesion and surgical detachment is quite real. The membrane can be different thicknesses.
Ref. FRSM – 107
Sinus lift
Parcial edentulous
Gingiva

Ref. FRSM – 108
Sinus lift
Total edentulous
Gingiva

Ref. FRSM – 109
Sinus lift
Parcial edentulous

Ref. FRSM – 113
Sinus lift
Total edentulous

Ref. FRSM – 110
Gingivas

Ref. FRSM – 111
Gingivas

Ref. FRSM – 112
Gingivas

Order the model with the bone density you need:
DM- XXX – D1/D2/D3/D4 or MIX D2-D3
Example : DM-101-D3

Possibility to produce different densities in the same model upon request

Selmodels is the unique company worldwide manufacturing dental models with the four densities of bone : D1-D2-D3-D4 or manufacture customized densities according to the design of the implants and needs
Perio models

Perio models are made in a single block. Teeth fixed, removable. Replaceable gum

Different stages of periodontal disease. Resorption and other bone defects on the entire alveolar bone allowing subgingival probing, scaling and root planning practice.

Furcated molars to demonstrate furcation lesion treatments in the posterior region.

Possibilty to combinate and articulate

Upper model – Lowe jaw model with initial periodontal disease

Ref. DM – 127
Ref. DM – 128
Ref. DM – 129
Ref. DM – 130
Upper model – Lower Jaw with advanced periodontosis

Ref. DM – 122

Ref. DM – 121

Ref. DM – 126

Ref. DM – 125

Upper model – Lower Jaw with advanced periodontosis

Ref. DM – 120

Ref. DM – 119

Ref. DM – 124

Ref. DM – 123
Replacement and accessories

Ref. Gingiva 
Model 
- Ref. DM – 128-G DM-128 
- Ref. DM – 130-G DM-130 
- Ref. DM – 122-G DM-122 
- Ref. DM – 120-G DM-120 
- Ref. DM - 126-G DM-126 
- Ref. DM - 124-G DM-124 

Ref. DM – 116-G 
It works with these models : 
- DM-115 
- DM-2003 
- DM-307 

Ref. DM – 2000 Synthetic calculus 

Ref. GP-501 Suturing platform 
Soft tissue with connective tissue simulation
Stomatognatics Models

Ref. DM – 162
Ref. DM – 408
Ref. DM – 409
Ref. DM – 410
Ref. DM – 7000
Extraction training teeth skull
Ref. DM – 7001
Extraction training teeth
Skull with periodontal ligament
Order the model with the bone density you need:

DM- XXX – D1/D2/D3  or MIX  D2-D3

Example : DM-101-D2

Possibility to produce different densities in the same model upon request

Ref. ZYG - 102  Zygoma model with soft tissue
Order the model with the bone density you need:

DM- XXX – D1/D2/D3  or MIX  D2-D3

Example : DM-101-D2

Possibility to produce different densities in the same model upon request
Because everybody is special and has different needs we are flexible and accommodating. We would be very happy to work with you to design and create any models according to your particular requirements.

**Hard gingiva models**

Ref. DM – 2009
Ref. DM – 2005
DM- 420

**Soft gingiva models**

Ref. DM – 600
Ref. DM – 601
Ref. DM – 419

**Hard and soft gingiva models - Mixed**

Cemented and screw retained restaurations made in plastic or acrylic resin
Scan CAD/CAM

Ref. DM – 416
Ref. DM – 417
Transparent models

Cemented and screw retained restorations made in plastic or acrylic resin

Customized models with implants installed in the position indicated.

Scanable material for CAD/CAM demonstration.

Prosthetic training.

Customization with logo printed

Ref. DM – 2003
Ref. DM – 2004
Ref. DM – 2005
Ref. DM – 2006
Ref. DM – 2007
DM – 2008
Ref. DM – 411
Prosthetics models - Patient

Transparent models

Ref. DM – 480
Ref. DM – 481
Ref. DM – 482

Ref. DM – 483
Ref. DM – 484
DM - 485

Ref. DM – 486

Cemented and screw retained restorations made in plastic or acrylic resin
Because everybody is special and has different needs we are flexible and accommodating. We would be very happy to work with you to design and create any models according to your particular requirements.

**Basic models**

Ref. DM – 412

Ref. DM – 413

Ref. DM – 414

Ref. DM – 415

Customized models with implants installed in the position indicated.
Scanable material for CAD/CAM demonstration.
Prosthetic training.
Customization with logo printed
Cemented restorations and screw retained made in plastic or acrylic resin
Because everybody is special and has different needs we are flexible and accommodating. We would be very happy to work with you to design and create any models according to your particular requirements.

Plugs demonstration models

Plugs:

Bridge with strong resorbed bone
Implant with strong resorbed bone (biomaterial needed)
Intact alveole
Alveole with strong elongation (neighbor teeth are falling into the alveole)
Periodontitis defects
Other soft tissue defects like fix teeth (focus on soft tissue disease)

Cemented and screw retained restaurations made in plastic or acrylic resin
Customized soft gingiva models articulated

Customized models with implants installed in the position indicated.

Scanable material for CAD/CAM demonstration.

Prosthetic training.

Customization with logo printed

Because everybody is special and has different needs we are flexible and accommodating. We would be very happy to work with you to design and create any models according to your particular requirements.

Ref. DM – 418
Because everybody is special and has different needs we are flexible and accommodating. We would be very happy to work with you to design and create any models according to your particular requirements.

Possibility to customize the macro implant with the real implant in aluminum, titanium or steel.

For more information contact with us.
Macro implants and abutments

Possibility to customize the macro implant with the real implant in aluminum, titanium or steel.

For more information contact with us.

INNOVATION : MACRO TRANSPARENTS IMPLANTS

Macro transparents implants and abutments. Show your implant connection between implant and abutment

For more information contact with us.
The world’s largest Typodont

The reason for the increase in size typodont is because it is easier, always at the beginning of learning, seeing things or enlarged details that, as usual, life size.

Removable teeth

Comparison of size
Restorative models: Typodont HQ
Realistic anatomy

CAD/CAM technology

Designed with the highest detail for optimal realism.

Upper and lower jaw occlude in a definitive central occlusion with natural physiological contact points

CHOOSE THE TYPE OF MODEL YOU WANT TO WORK WITH:
Hard or soft model - 28 teeth

Ref. HEM - 1000
Ref. SEM - 1000
CHOOSE THE TYPE OF MODEL YOU WANT TO WORK WITH:
Hard or soft model - 28 teeth

Ref. HEM (Hard Gingiva Model)
Ref. SEM (Soft Gingiva Model)
CHOOSE THE TYPE OF MODEL YOU WANT TO WORK WITH:
Hard or soft model - 28 teeth

Ref. HEM (Hard Gingiva Model)
Ref. SEM (Soft Gingiva Model)
Tooth replacement


- Anatomical form crown with a simple straight root design
- Suited for abutment tooth and cavity preparation
Tooth replacement

- Various prefabricated teeth to choose from including Class 1-5, jacket, venner, full crown, etc.
- Suited for abutment fabrication, temporary and final prosthesis fabrication, and impression taking practice
- Prefabricated teeth save time

11 - 21

HQ 11 – A
HQ 11 – B
HQ 11 – C
HQ 11 – D
HQ 11 - E
HQ 21 – A
HQ 21 – B
HQ 21 – C
HQ 21 – D
HQ 21 - E

12 - 22

Realistic anatomy

Designed to the highest detail for optimum realism.

13 - 23

HQ 13 – A
HQ 13 – B
HQ 23 – A
HQ 23 – B
Tooth replacement

14 – 15 - 24 - 25

HQ 14 – A
HQ 15 – A
HQ 24 – A
HQ 25 – A

HQ 14 – B
HQ 15 – B
HQ 24 – B
HQ 25 – B

HQ 14 – C
HQ 15 – C
HQ 24 – C
HQ 25 – C

HQ 14 – D
HQ 15 – D
HQ 24 – D
HQ 25 – D

HQ 14 - E
HQ 15 - E
HQ 24 - E
HQ 25 - E

16 – 17 - 26 - 27

HQ 16 – A
HQ 17 – A
HQ 26 – A
HQ 27 – A

HQ 16 – B
HQ 17 – B
HQ 26 – B
HQ 27 – B

HQ 16 – C
HQ 17 – C
HQ 26 – C
HQ 27 – C

HQ 16 – D
HQ 17 – D
HQ 26 – D
HQ 27 – D
Tooth replacement

31 – 32 – 41 – 42

33 - 43

34 - 35 – 44 - 45

Restorative models : Typodont
Tooth replacement

36 – 37 – 46 – 47

CLICK SYSTEM WITHOUT SCREW
New sections
Surgery phantom heads models
Surgery phantom heads models

Ref. PHM – F1001
Phantom head, basic model

Ref. PHM – F1002
Phantom head, basic model
Models reposition PHM-F1001 / PHM-F1002

- Ref. FM – 101
  Upper maxilla
  16 Ivorine teeth

- Ref. FM-102
  Lower jaw
  16 Ivorine teeth

- Ref. FM-103
  Upper / Lower
  32 Ivorine teeth

- Ref. FM-104
  Upper / Lower
  32 Ivorine teeth
  Articulated

Teeth reposition model FM

Ref. FM-1001
32 teeth replacement set

Individual reposition: 11F-12F-13F-14F-15F-16F-17F-18F
21F-22F-23F-24F-25F-26F-27F-28F
31F-32F-33F-34F-35F-36F-37F-38F
41F-42F-43F-44F-45F-46F-47F-48F
Total compatible with the most popular phantom head

Order the model with the bone density you need:
DM- XXX – D1/D2/D3/D4 or MIX  D2-D3
Example: DM-101-D3

Possibility to produce different densities in the same model upon request

Selmodels is the unique company worldwide manufacturing dental models with the four densities of bone: D1-D2-D3-D4 or manufacture customized densities according to the design of the implants and needs.
Total compatible with the most popular phantom head

- Ref. FRSM - 101
  Mandible
  Total edentulous gingiva
  Plastic platform

- Ref. FRSM - 102
  Mandible
  Total edentulous, gingiva
  No plastic platform

- Ref. FRSM - 103
  Mandible
  Total edentulous
  Plastic platform

- Ref. FRSM - 104
  Mandible
  Total edentulous
  No plastic platform

- Ref. FRSM - 105
  Mandible
  Partial edentulous with gingiva
  Plastic platform

- Ref. FRSM - 106
  Mandible
  Partial edentulous
  Plastic platform

- Ref. FRSM - 120
- Ref. FRSM - 121
- Ref. FRSM - 122
Surgery phantom heads models

Ref. PHM – 1003
Ref. PHM – 1004
Ref. PHM – 1005

Phantom head, torso model
Surgery phantom heads models

Ref. PHM – N1001
Models reposition PHM-N1001

Ref. NM – 101
28 Ivorine teeth, soft gingiva

Ref. NM – 102
28 Ivorine teeth, hard model

Surgery phantom heads models
Total compatible with the most popular phantom head

Teeth reposition model KM
Ref. KM-1001
28 teeth replacement set
Countries where Selmodels/ Bonetraining has a presence

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Notes
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