

Aesculap[®] Ergoperio

The New Class of Excellence
Instruments for periodontology



Aesculap Dental



You can see it.

You can feel it.



Make yourself comfortable.

You'll never want to put the handles down again – the new instruments in Aesculap®'s Ergoperio range make working that much easier, more relaxed and less tiring. The secret lies in the extremely lightweight, ergonomic handles with surfaces specially designed to have a particularly pleasant feel.



The Winner of the
iF DESIGN AWARD 2015
Category Medicine / Healthcare

Aesculap® Ergoperio instruments

The New Class of Excellence

Ergoperio combines modern design with unique ergonomics and top functionality



Flawless performance

- Precise manufacturing and high class materials leads to high quality and reliability
- The working tips are matched to the requirements of periodontology

Easy-to-grip surface



Pleasant ergonomics

- Shape and thickness ensure low-fatigue work
- Extremely lightweight handles

Pioneering aesthetics



Aesculap® Ergoperio mouth mirror, dental forceps, periodontal probes

The New Class of Excellence



DA083
Mouth mirror handle
135 mm, 5½"

Mouth mirrors

Aesculap "Rhodium"

The premium mouth mirror

- Low light reflectivity and sharp reflective images even in bright lighting conditions
- Excellent for surgical use, treatment of deep cavities, endodontics, surgery, implants, etc.
- 22 mm and 24 mm diameters



DA036R Ø 22 mm
DA037R Ø 24 mm
Order unit:
PAK = Package of 12



DA246R
Dental forceps
150 mm, 6"

You can see it. You can feel it.



DB862R
PCP 12
160 mm, 6¼"



DB865R
UNC 15
160 mm, 6¼"



DB866R
UPM
(PCP 11.5 C + UNC 15)
170 mm, 6¾"

Aesculap® Ergoperio periodontal probes, furcation probe

The New Class of Excellence



WHO
DB867R
PCP 11.5 C
160 mm, 6 1/4"



DB868R
PCP 11
160 mm, 6 1/4"



DB874R
160 mm, 6 1/4"



NABERS
DA882R
P2N
Furcation probe
170 mm, 6 3/4"

You can see it. You can feel it.

Periodontal probe with defined probing force of 0.2 N (20 g)



Due to a lack of measurement pressure standardisation, clinical measurements taken using different probing techniques often provide contradictory results. Objective evaluation of periodontal status is only possible when using pressure-sensitive periodontal probes. When assessing periodontal disease, probe measurements are subject to numerous instrumental and subjective influences, which can often result in underestimation of actual probing depths. When too little pressure is used, the main limiting factor on measurement probes is

soft-tissue morphology rather than proportions of coronal, supra-alveolar fibre structures. Thanks to their defined spring pressure of 0.2 N, the DB764R and DB765R periodontal probes allow standardised probing in follow-up care of periodontal diseases, and especially in cases of inflammatory gingival changes in long-term studies.



DB764R
UNC 15
165 mm, 6 1/2"

WHO
DB765R
PCP 11.5 C
165 mm, 6 1/2"



Grip and control!

Aesculap's professional periodontology portfolio

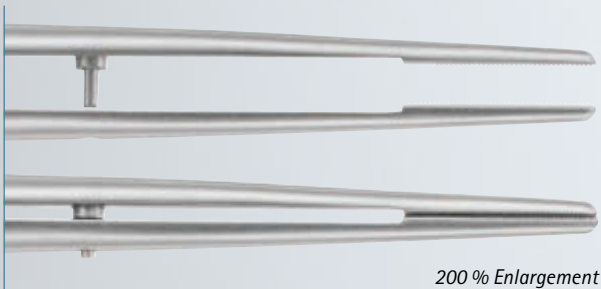
For more than 140 years, Aesculap is known for quality and reliability – and innovation has been a hallmark of the company for just as long. Constant communication with dental practices and close cooperation with dentists play a decisive role in our work, allowing us to use the latest findings out of everyday medical practice as driving forces in our development work. Our dental division thus offers you a comprehensive, modern array of highly specialised instruments for new surgical and treatment methods. Your patients' smiles are the most beautiful thanks of all!



Aesculap® Ergoperio micro forceps

The New Class of Excellence

Ergoperio – Micro Forceps for tissue preserving surgery



Parallel closing working tips

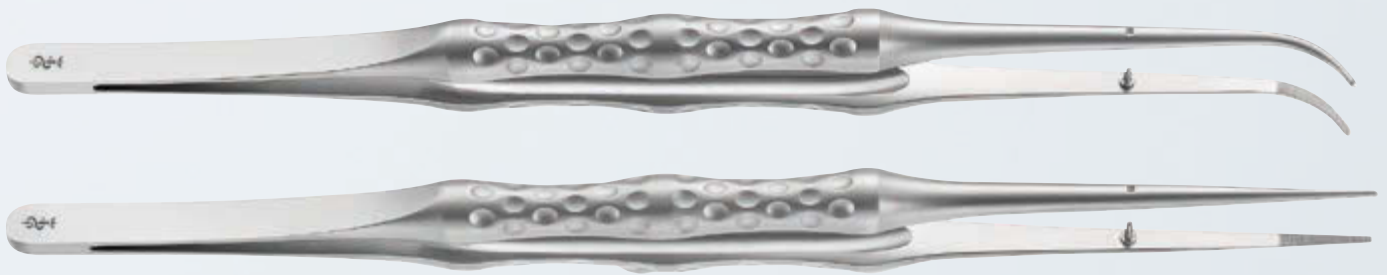
- Enables to grab the soft tissue of the total length of the plateau
- To reduce the contact pressure
- To preserve the delicate soft tissue structures



The size of the working tip plateaus

- Enables micro surgery
- Allows a precise grabbing of soft tissue and sutures (until 6/0)
- Mitigates the risk of damaging the soft tissue structures

You can see it. You can feel it.



Shape and Design

- The waisted shape for a comfortable haptics
- The round handle enables the rotation of the instruments with the tips of the fingers
- Well balanced instruments with a centric balance point



Aesculap® Ergoperio micro forceps

The New Class of Excellence



DX060R
dissecting
straight
180 mm, 7"



DX061R
dissecting
curved
170 mm, 6³/₄"



DX070R
atraumata
straight
180 mm, 7"



DX071R
atraumata
curved
180 mm, 7"

You can see it. You can feel it.



DX080R
surgical
straight
180 mm, 7"

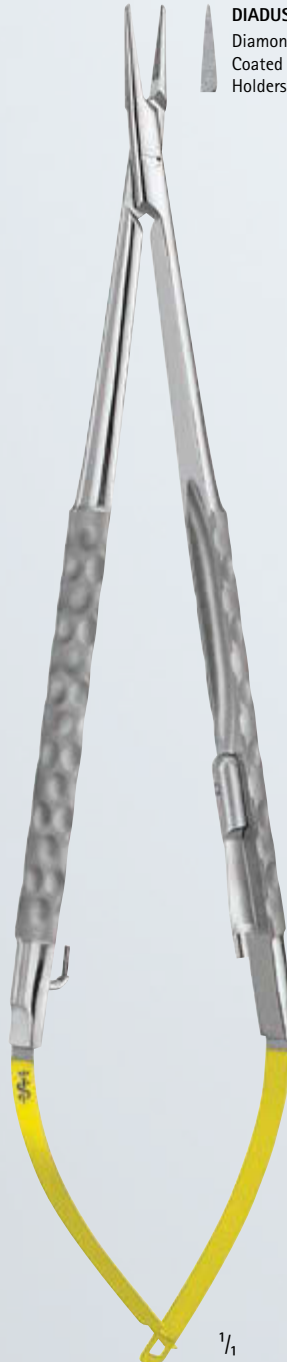
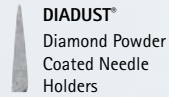
DX081R
surgical
curved
170 mm, 6³/₄"

Aesculap micro needle holder, micro ligature scissors, delicate scissors

The New Class of Excellence



BM003R
DUROGRIP® Needle holder
for suture material 4/0–6/0
180 mm, 7"



FD258R
DIADUST® Micro needle holder
straight, for suture material
6/0 – 8/0
180 mm, 7"



FD259R
DIADUST® Micro needle holder
curved, for suture material
6/0 – 8/0
180 mm, 7"

You can see it. You can feel it.



FD252R

Micro ligature scissors,
curved, one blade serrated
for suture material 6/0 - 8/0
180 mm, 7"



BC110R

Delicate scissor
straight
110 mm, 3³/₈"



BC111R

Delicate scissor
curved
110 mm, 3³/₈"

Aesculap scalpel handles

The New Class of Excellence



BB045T

Titanium scalpel handle for micro-surgery blades
145 mm, 5³/₄"

DX305R

ERGOPLANT
Microblade holder
150 mm, 6"

BB363R

Microsurgery blade
Sales unit:
ST = Package
of 1 piece

BB367R

Microsurgery blade
Sales unit:
ST = Package
of 10 pieces

BB369R

Microsurgery blade
Sales unit:
ST = Package
of 10 pieces

You can see it. You can feel it.



Sterile scalpel blade

- heat-treated in vacuum
- sterile

Sales unit:

PAK = Package of 100 pieces

Fig. 11



1/1

Fig. 12



1/1

Fig. 15



1/1

Fig. 15-C



1/1

Fig. 12d



1/1

BB063R

Scalpel handle for
sterile scalpel blades
145 mm, 5³/₄"

BB511

Sterile scalpel
blade

BB512

Sterile scalpel
blade

BB515

Sterile scalpel
blade

BB515-C

Sterile scalpel
blade

BB542

Sterile scalpel
blade,
double cutting

Aesculap® Ergoperio tunnelling instruments, papilla elevator, raspatories

The New Class of Excellence



The straight tunnelling instrument is mainly used in the upper jaw, in the frontal and lateral region. This allows large areas of the gingiva to be undermined using both tunnel and sulcular techniques.

**STRICKER
DX310R**
Tunnelling instrument,
straight
180 mm, 7 1/2"



1/1



The angled tunnelling instrument is primarily used for preparing lateral, buccal regions. It can also be used distally, without tearing the mucosal tissue and also for the lower jaw.

**STRICKER
DX311R**
Tunnelling instrument
angled
180 mm, 7 1/2"



1/1

You can see it. You can feel it.



Aesculap® Ergoperio raspatories

The New Class of Excellence



**PRICHARD
DX200R**
Raspatory
185 mm, 7 1/4"

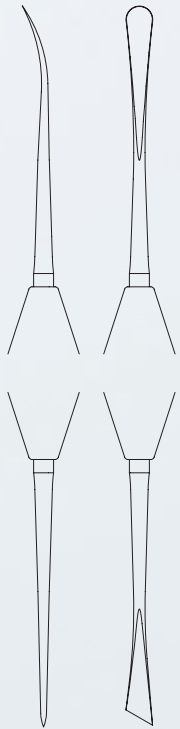
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**PRICHARD
DB020R**
Raspatory
delicate
185 mm, 7 1/4"

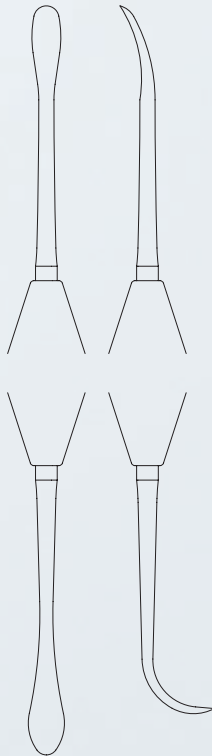
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You can see it. You can feel it.



**GLICKMAN
DB850R**
Raspatory
185 mm, 7 1/4"

1/1



**LANGE
DB022R**
Raspatory
180 mm, 7 1/2"

1/1



**FREER
DB025R**
Raspatory
sharp/blunt
190 mm, 7 1/2"

1/1

Aesculap® Ergoperio raspatory, gingivectomy knives, bone currettes

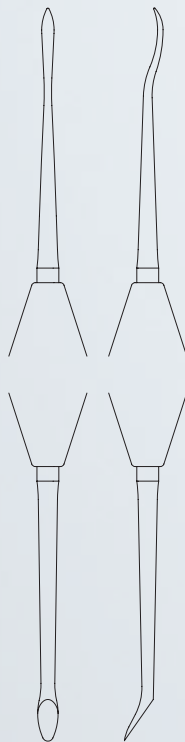
The New Class of Excellence



1/1

DB827R

Periodontal dissector for
dissection of soft tissues,
double-ended
185 mm, 7 1/4"



1/1

DB828R

Dissection
raspatory
185 mm, 7 1/4"



1/1

ORBAN

DB939R

Gingivectomy knives
165 mm, 6 1/2"

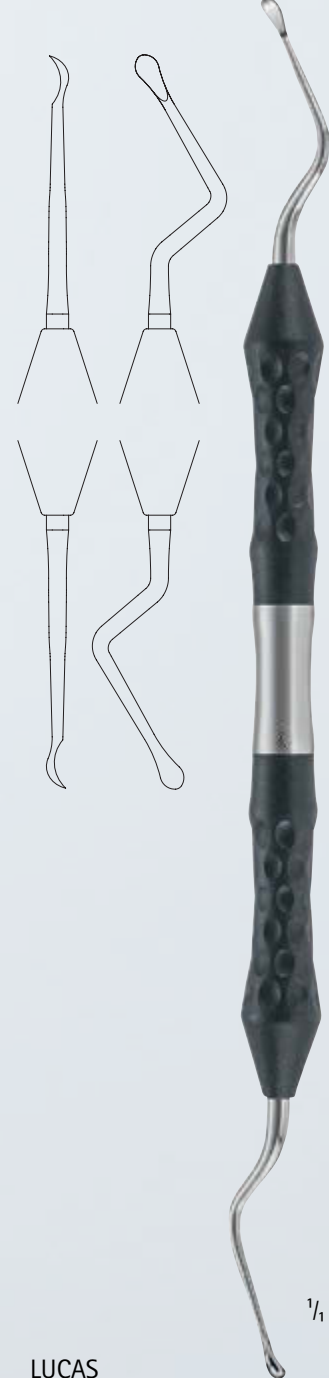
You can see it. You can feel it.



**KIRKLAND
DX450R**
Gingivectomy knives
175 mm, 7"



**LUCAS
DO608R**
Bone curettes, small
180 mm, 7"



**LUCAS
DO609R**
Bone curettes, large
185 mm, 7 $\frac{1}{4}$ "

Aesculap® Ergoperio mini chisel

The New Class of Excellence

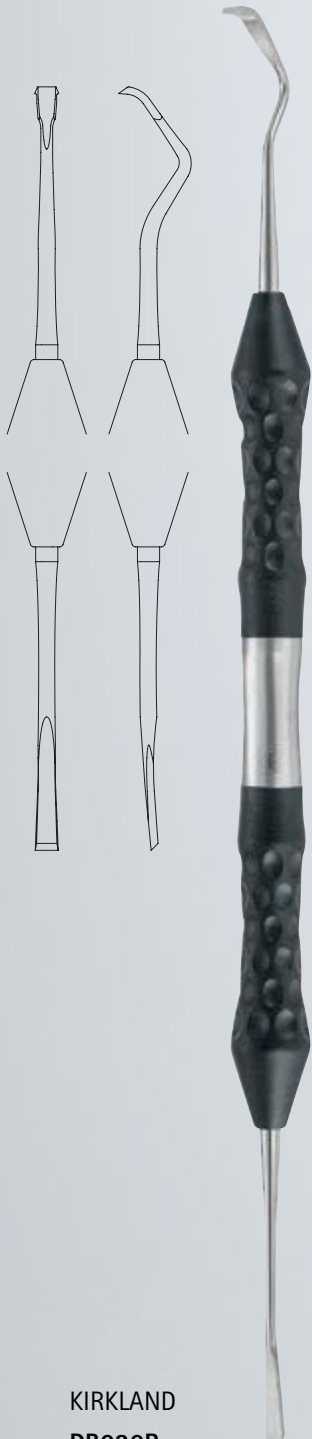


Fig. S13K/TG

**KIRKLAND
DB030R**
Mini chisel
190 mm, 7 1/2"

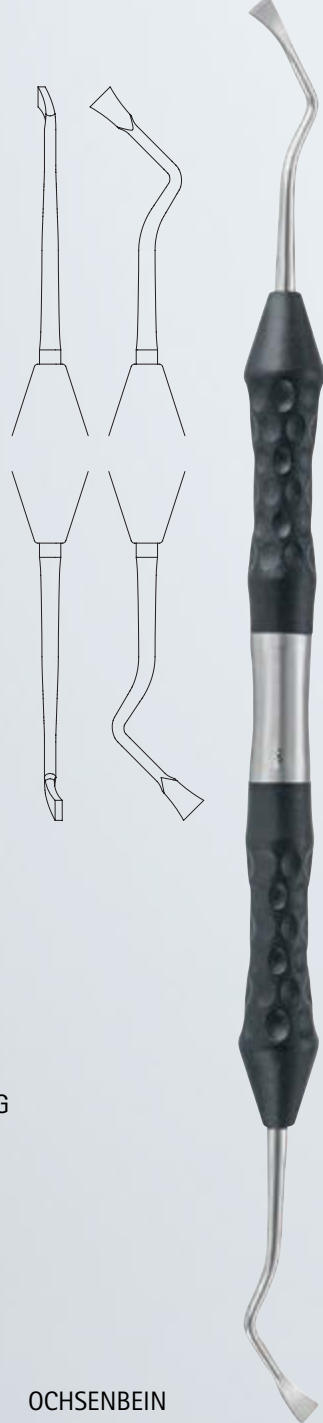


Fig. 4

**OCHSENBEIN
DB034R**
Mini chisel
190 mm, 7 1/2"



Fig. M CKN 1/2

**KRAMER-NEVINS
DB838R**
Mini chisel
175 mm, 7"

You can see it. You can feel it.



Fig. M CR 36/37

RHODES
DB835R
Mini chisel
175 mm, 7"



Fig. CR 36/37

RHODES
DB836R
Mini chisel
175 mm, 7"



Colourful instruments

Anatomic Colours

... millionfold approved!

Especially for cures and scalars a ergonomic handle design is advantageous. The lightweight handle and the easy to grip surface of the instruments enable low fatigue work.

Continuous special instrument steel enables hardwearing working tips. The colour coding of the instruments allows a easy and quick orientation.



Aesculap scaler

The New Class of Excellence



1/4

DB243R
Premolars, Molars
universal
175 mm, 7"



CK 6

1/4

CRANE CAPLAN
DB340R
Anteriors
Premolars, Molars
universal
175 mm, 7"



CI 2/3

1/4

DB349R
Anteriors
Premolars, Molars
universal
165 mm, 6 1/2"



T2/T3

1/4

DB350R
Anteriors
Premolars, Molars
universal
175 mm, 7"

You can see it. You can feel it.



USM

$\frac{1}{4}$ "

DB351R
Anteriors
Premolars, Molars
mesial/distal
175 mm, 7"



H 6/7

$\frac{1}{4}$ "

DB370R
Anteriors
Premolars
mesial/distal
175 mm, 7"



13S/14S

$\frac{1}{4}$ "

Mc CALL
DB376R
Premolars, Molars
mesial/distal
175 mm, 7"



M 23

$\frac{1}{4}$ "

DB391R
Anteriors
Premolars, Molars
universal
175 mm, 7"

Aesculap scaler, curettes

The New Class of Excellence



S 204/SD

1/1

DB352R

Anteriors, Premolars
mesial/distal
175 mm, 7"



S 204 S

1/1

DB354R

Molars
universal
175 mm, 7"



GF 5

1/1

GOLDMANN-FOX

DB345R

Premolars, Molars
buccal/lingual
175 mm, 7"



GF 6

1/1

GOLDMANN-FOX

DB346R

Anteriors, Premolars
Molars, labial/lingual
mesial/distal
175 mm, 7"

You can see it. You can feel it.



L 1/2

1/1

**LANGER
DB330R**
Premolars, Molars
universal
170 mm, 6 3/4"



L 3/4

1/1

**LANGER
DB331R**
Premolars, Molars
universal
170 mm, 6 3/4"



L 5/6

1/1

**LANGER
DB332R**
Anteriors
universal
170 mm, 6 3/4"

Aesculap cures

The New Class of Excellence



GF 2

1/2

**GOLDMANN-FOX
DB342R**
Anteriors, Premolars
universal
175 mm, 7"



GF 4

1/2

**GOLDMANN-FOX
DB344R**
Premolars, Molars
universal
175 mm, 7"



2R/2L

1/2

**COLUMBIA
DB362R**
Anteriors
universal
175 mm, 7"



4R/4L

1/2

**COLUMBIA
DB363R**
Premolars, Molars
universal
170 mm, 6 3/4"

You can see it. You can feel it.



13/14

1/1

**COLUMBIA
DB368R**

Premolars, Molars
universal
175 mm, 7"



M 23 A

1/1

DB392R

Anteriors, Premolars,
Molars
universal
175 mm, 7"



M 17S/18S

1/1

**McCALL
DB377R**

Premolars, Molars
165 mm, 6 1/2"

Aesculap curettes

The New Class of Excellence



Fig. 1/2

GRACEY
DB380R
Anteriors
universal
175 mm, 7"



Fig. 3/4

GRACEY
DB381R
Anteriors, Premolars
universal
170 mm, 6³/₄"



Fig. 5/6

GRACEY
DB382R
Anteriors, Premolars
universal
175 mm, 7"



Fig. 7/8

GRACEY
DB383R
Premolars, Molars
buccal/lingual
170 mm, 6³/₄"

You can see it. You can feel it.



Fig. 9/10

$\frac{1}{4}$ "

GRACEY
DB384R
Premolars, Molars
buccal/lingual
170 mm, 6 $\frac{3}{4}$ "



Fig. 11/12

$\frac{1}{4}$ "

GRACEY
DB385R
Premolars, Molars
mesio-buccal/
mesio-lingual
175 mm, 7"



Fig. 13/14

$\frac{1}{4}$ "

GRACEY
DB386R
Premolars, Molars
disto-buccal/
disto-lingual
175 mm, 7"

Aesculap curettes

The New Class of Excellence

Special combination of GRACEY-Figures



The combination of high rigidity and filigree-fine working ends means that stubborn plaque in particular can be removed thoroughly and efficiently with rigid curettes. It is no longer necessary to carry out time-consuming repeat scaling with flexible curettes. Flexible curettes should always be used to complete root planing.

The Gracey Figures 12/13 and 11/14 prove to be particularly time-saving, since using Figure 12/13 all mesio-distal surfaces in the side tooth area, e.g. in the first quadrant, can be completely treated in vestibular direction in one step without having to change the instrument. It is only with the change to palatal direction that Figure 11/14 is used. The second quadrant begins of course with Figure 11/14 for mesio-distal in vestibular direction, etc.



Fig. 15/16

1/1

**GRACEY
DB387R**

Premolars, Molars
mesio-buccal/
mesio-lingual
175 mm, 7"



Fig. 12/13

1/1

**GRACEY
DB389R**

Premolars, Molars
mesio-vestibular/mesio-oral
disto-vestibular/disto-oral
175 mm, 7"



Fig. 11/14

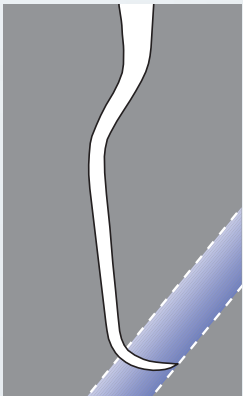
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**GRACEY
DB388R**

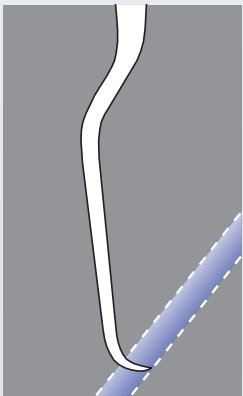
Premolars, Molars
mesio-vestibular/mesio-oral
disto-vestibular/disto-oral
175 mm, 7"

You can see it. You can feel it.

GRACEY



Mini-GRACEY



Shaft 3 mm longer than Standard-GRACEY, narrow working tip shortened
■ for easier access to the deep, narrow root surfaces



Fig. 1/2

Mini-GRACEY
DB470R
Anteriors
universal
175 mm, 7"



Fig. 3/4

Mini-GRACEY
DB471R
Anteriors, Premolars
universal
170 mm, 6³/₄"



Fig. 5/6

Mini-GRACEY
DB472R
Anteriors, Premolars
universal
175 mm, 7"

Aesculap curettes

The New Class of Excellence



Fig. 7/8

$\frac{1}{4}$ "

Mini-GRACEY
DB473R
Premolars, Molars
buccal/lingual
170 mm, 6 $\frac{3}{4}$ "



Fig. 11/12

$\frac{1}{4}$ "

Mini-GRACEY
DB475R
Premolars, Molars
mesio buccal/
mesio lingual
175 mm, 7"



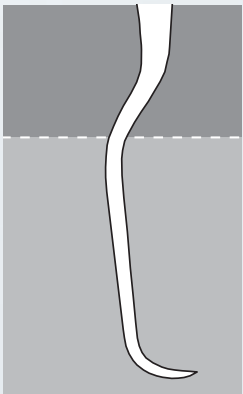
Fig. 13/14

$\frac{1}{4}$ "

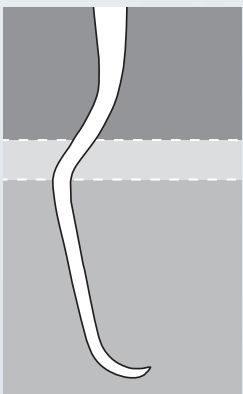
Mini-GRACEY
DB476R
Premolars, Molars
disto buccal/disto lingual
175 mm, 7"

You can see it. You can feel it.

GRACEY



After-GRACEY



Shaft 3 mm longer than Standard-GRACEY narrow working tip

■ for easier access to the deep root surfaces



Fig. 1/2

1/1

After-GRACEY
DB590R

Anteriors
universal
170 mm, 6³/₄"



Fig. 3/4

1/1

After-GRACEY
DB591R

Anteriors, Premolars
universal
170 mm, 6³/₄"



Fig. 5/6

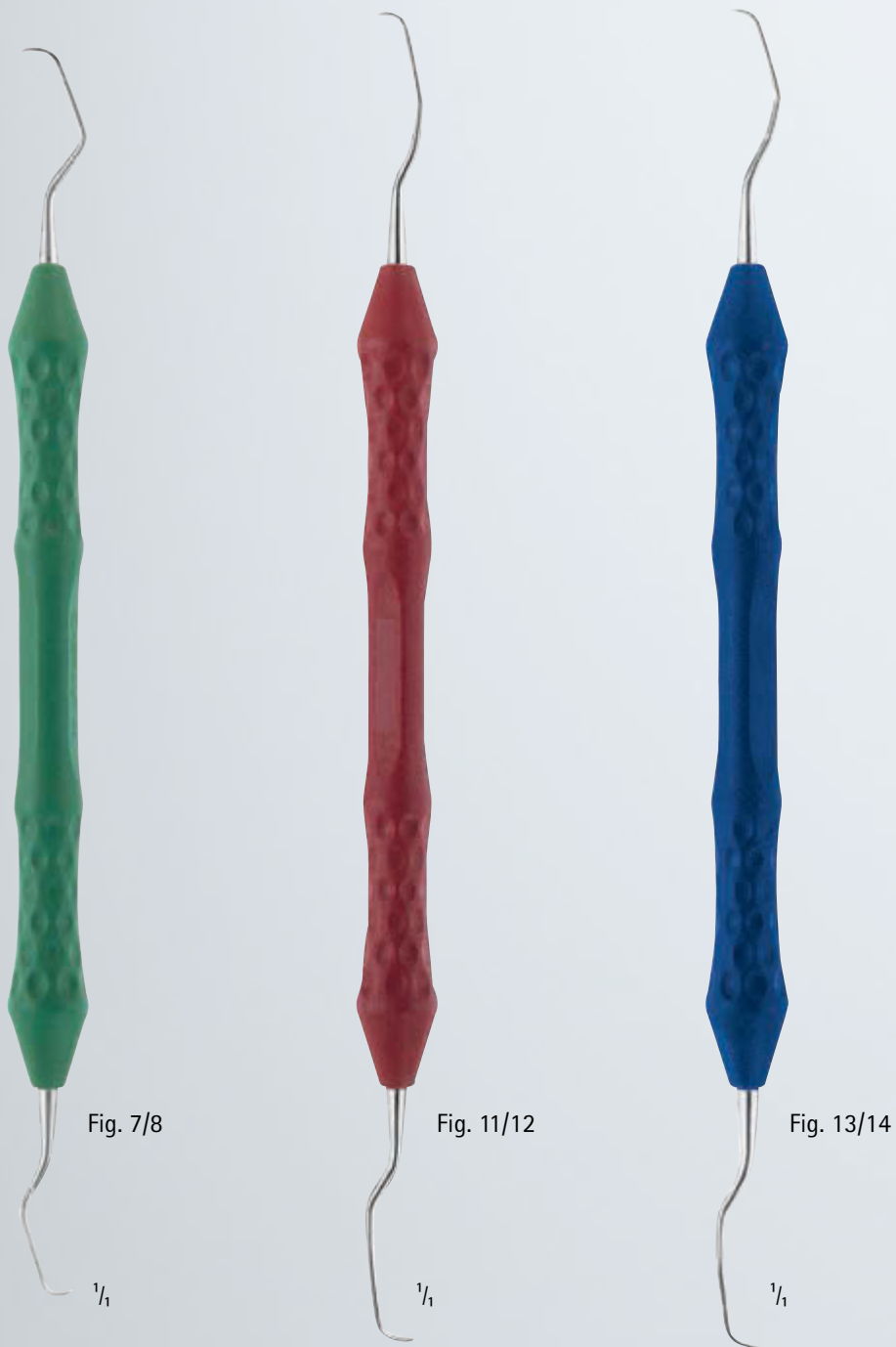
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After-GRACEY
DB592R

Anteriors, Premolars
universal
170 mm, 6³/₄"

Aesculap cures, titanium cures

The New Class of Excellence



After-GRACEY
DB593R
Premolars, Molars
buccal/lingual
170 mm, 6³/₄"

After-GRACEY
DB595R
Premolars, Molars
mesio-buccal/
mesio-lingual
170 mm, 6³/₄"

After-GRACEY
DB596R
Premolars, Molars
disto-buccal/
disto-lingual
170 mm, 6³/₄"

You can see it. You can feel it.

Titanium curettes for Dental Implant Cleaning

- Very delicate working tips facilitate access to dental implant collar
- No curette abrasion
- Low implant damage risk
- Manually sharpenable

To ensure the long-term success of an implant, consistent aftercare is very important.

To eliminate plaque on the implant-abutment interface, titanium curettes can be preferable.



**LANGER
DB180T**
Premolars, Molars
universal; mandible
175 mm, 7"



**LANGER
DB181T**
Premolars, Molars
universal; maxilla
175 mm, 7"



**LANGER
DB182T**
Anteriors
universal
175 mm, 7"

Aesculap® Sterile Container System

Dental Sterile Container



JG387R

188 x 84 x 30 mm (flat)
Tray, contains two instrument racks
(2 x JG394) for 6 instruments



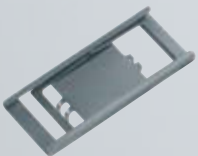
JG388R

188 x 125 x 30 mm (flat)
Tray, contains two instrument racks
(JG400 + JG401) for 9 instruments



JG389R

273 x 176 x 30 mm (flat)
Tray, contains five instrument racks
(2 x JG394, 2 x JG400, 1 x JG401),
with lid handle, fitting into Dental
Container JN092



JG625R

Holding device for
identification labels



ICD-002

Plastic identification labels, white, with
10-character barcode for software
applications, labelling as specification



JN092

312 x 190 x 46 mm

To take following trays:

1 x JG381R or 1 x JG383R or
1 x JG389R

JN086 container body and JN091 lid
can also be ordered singly



JN094

312 x 190 x 65 mm

To take following trays:

2 x JG380R or 1 x JG384R or 1 x JG386R

JN088 container body and JN091 lid can
also be ordered singly



JN095

312 x 190 x 92 mm

To take following trays:

2 x JG381R or 1 x JG381R +
1 x JG384R or 1 x JG285R

JN089 container body and JN091 lid
can also be ordered singly



JK091

94 x 215 mm

Aesculap reusable filter for dental
containers JN092-JN096 with narrow
perforation, service life 1,000 cleaning
and sterilization cycles.

Order unit (PAK): Pack of 2



JG600

Aesculap® oil spray, in aerosol can
(ozonefriendly), for maintenance
of instruments prior to sterilization.
Physiologically inert acc. to DAB and
S 31 LMBG (German Pharmacopoeia)

Inclusive 2 nozzles



JG598

Aesculap® instrument oil, for box
locks, ratchets etc. prior to sterilization.
Physiologically inert acc. to DAB and
S 31 LMBG (German Pharmacopoeia)

Aesculap® Tray System

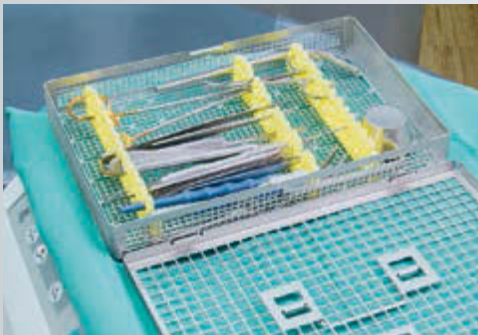
The Sterile Goods Cycle

Systematic Instrument Reprocessing Procedure

The primary intention of hygienic measures in dental practice is to safeguard the health of patients and personnel. To ensure safety it is particularly important to observe the principles of hygiene when cleaning and sterilizing instruments. To maintain a safe, efficient and economical workplace, clear

procedures for hygiene must be specified and followed. The Aesculap® Sterile Container System is a proven and excellent aid in the standardized management of instruments throughout the dental practice workflow, from sterile processing through transport, storage and use.

1 | Provision and treatment



2 | Clearing away and disposal

6 | Storage



For further details see brochure
No. D05802

Four smart reasons to choose the Aesculap® Sterile Container System

■ Prevention of infections

Of patients and staff through preservation of instrument sterility and closed transport of used instruments

■ Economy

Low total cost of ownership due to reusable packaging, minimal processing costs and long service life

■ Comfortable handling

Simple, quick and easy

■ Transparency and reduction of errors

Standardized, effective documentation of your sterile supply workflow



3 | Disinfecting and cleaning

4 | Inspection, care and maintenance and packing



5 | Sterilizing



Reprocessing of instruments in dental practice,
brochure for download from <http://www.a-k-i.org>

