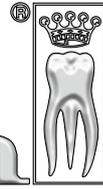


carl
martin[®]
Solingen



FINEST DENTAL INSTRUMENTS
GERMANY

LIQUIDSTEEL[®]

fluent **perfection**



the new
sensitive **GRIP**

over
100
years

New Comfort Line

from Carl Martin - Solingen

An advanced design with all the features of a modern manual instrumentarium.

ERGONOMICS

EASY CLEANING

COLOUR CODING OPTIONS

PRODUCT RANGE

- The extraction forceps and a series of root elevators form the basis of the new **LiquidSteel®** line of extraction instruments. The range includes the manual instruments most commonly used in surgery, implantology, conservation treatment, periodontology and prothetics. The coloured grooves with which the single and double-ended hand-held instruments are fitted can be ordered with the colour marking feature as an optional extra. A selection of colours is to be found in the individual instrument sections. This allows them to be colour coded according to different applications and/or which surgery they are intended for.



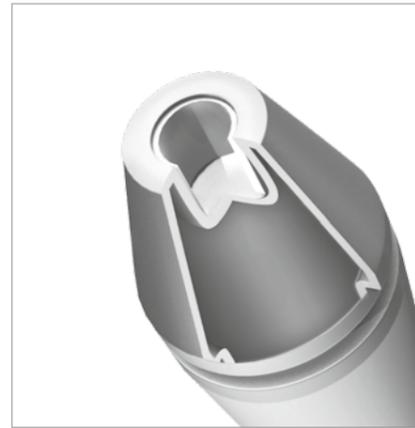
The order numbers for our new **LiquidSteel®** range are the same as the current catalogue order numbers – only the abbreviation „LS“ has been added in front of the order number for easy identification.



LIQUIDSTEEL®
fluent perfection

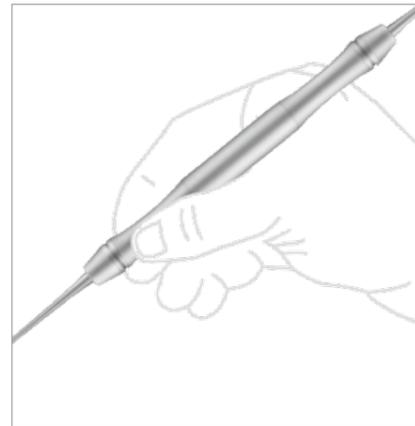
1. DESIGN

- The name **LiquidSteel®** and the design are protected by patent.
- A fundamental feature of the **LiquidSteel®** range of instruments is the homogeneous and – as far as is possible – edge-free surface design.



2. MATERIAL

- LiquidSteel®** is a high-density, stainless instrument steel with a chromium content of almost 14%. The molecular matrix structure of the steel has been optimized using the NOXI-hardening technique and this has greatly increased the cutting capacity, service life and resistance to oxidation (increased efficiency of up to 50%). The exceptional silky lustre of the surfaces (with manual instruments) is attained by special electropolishing followed by a GBF procedure. This special surface conditioning produces a high-resolution matt structure (marked increase in pixels in the anti-reflection range), which considerably reduces light reflection. This is a major advantage compared with conventional matting processes.



3. ERGONOMICS

- 10mm round handle (hollow) + 6mm round handle (solid)
- Thumb and finger chamfers to the working tip ensure excellent guidance of the instrument.

4. WEIGHT

- Very lightweight hollow handle (Ø 10mm)
- Extraction forceps: weight approx. 30% less than conventional models



5. CLEANING

- Official requirements on the preparation of instrument sets increasingly focus on validated working procedures. The very smooth and mainly rounded surface design greatly reduces contamination and the build-up of deposits. This is a significant improvement in the overall preparation process.

6. MARKING

- The coloured grooves with which the single and double-ended hand-held instruments are fitted can be ordered with the colour marking feature as an optional extra.
- What is involved is a ceramic colour marking, COLORI KERAMIK, which is bonded to the surface of the instrument. A validity report confirms its integrity, in terms of hygiene, as a processing option.
- A selection of colours is to be found on page 35.



SURGERY
SURGERY

SURGERY IMPLANTOLOGY

LiquidSteel®

SURGERY
SURGERY

RH

ROCKHARD
the new coating series

The Titanium Carbide ions are deposited to the working end in a special process, which allows the ions being penetrated into the material. As a result, the degree of hardness increases from normal 48-52 HRC (Rockwell) to 75-80 HRC. The wear of the surfaces is reduced enormously. The risk of fractures (as in conventional TC deposits possible) and bending - especially with very fine needle holders - is almost completely eliminated.

TI

TI = titanium

TC

With tungsten carbide inserts, TC = tungsten carbide
Special tungsten carbide plates are incorporated in the scissors blades to prolong cutting performance significantly. In addition, the TC inserts markedly increase the resistance to heat from thermo disinfection (93°C) and sterilisation (up to 180°C).

SC

With SuperCut sharpening
One scissors blade is sharpened very flat, resulting in an almost razor-sharp cutting edge.

Serration

Scissors with this symbol have teeth between 0.5mm and 0.25mm. The teeth prevent the tissue and suture from sliding away.

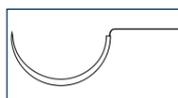


Needle holders with tungsten carbide inserts on the jaws are identified by their gold handles. The inside ratchets are located high to prevent latex gloves from getting caught.



Advantages of tungsten carbide inlays:

- Low wear
- Longer working life
- Needles are held securely



The use of various needle sizes makes it necessary to deploy corresponding needle holders with the requisite jaw widths and thicknesses. Please note the information provided on the instrument pertaining to the use of the admissible suture material.

! Failure to observe this entails the risk of a fracture of the hard metal inlay (TC) or the buckling of the jaw section. We provide no guarantee in such instances.

IMPLANT CLEANING CURETTE AND SCALER

for implant cleaning

- slender working tip
- biocompatible
- regrindable

Effective cleaning, i.e. removal of plaque build-up on the implant abutment, is indispensable for ensuring thorough aftercare. Curettes and scalers with biocompatible titanium tips are the first choice for aftercare.

TI

Implant cleaning curette with titanium tips

LST1960/4R-4L

TI

Implant cleaning scaler with titanium tips

LST1972/H6-H7

BONE SCRAPER



Bone scraper 4mm + 6mm wide

LS1915/4-6



Bone scraper 6mm wide + GLICKMAN 24 G

LS1915/6-24G



Bone scraper/Chisels KIRKLAND

LS1915/KPC4

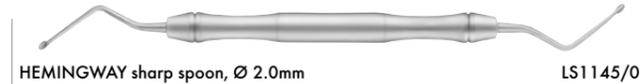
GAUZE PACKER



LUNIATSCHEK gauze packer, narrow

LS1106A

SHARP SPOONS



HEMINGWAY sharp spoon, Ø 2.0mm

LS1145/0



HEMINGWAY sharp spoon, Ø 2.8mm

LS1145/1



HEMINGWAY sharp spoon, Ø 3.5mm

LS1145/2



LUCAS sharp spoon, Ø 1,6mm

LS1145/6



LUCAS scraper, Ø 2.1mm

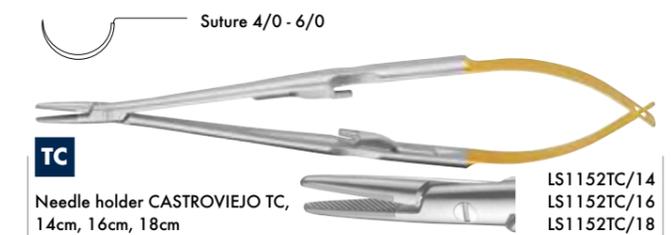
LS1145/7



LUCAS scraper, Ø 2.6mm

LS1145/8

NEEDLE HOLDER

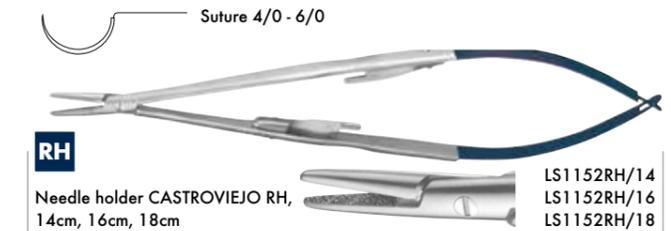


Suture 4/0 - 6/0

TC

Needle holder CASTROVIEJO TC, 14cm, 16cm, 18cm

LS1152TC/14
LS1152TC/16
LS1152TC/18

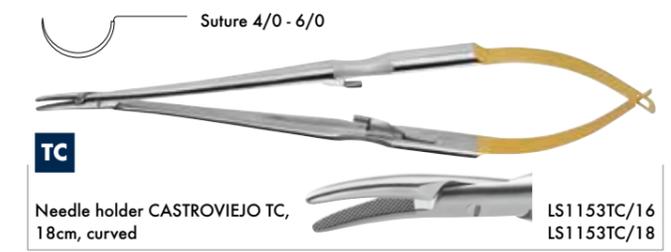


Suture 4/0 - 6/0

RH

Needle holder CASTROVIEJO RH, 14cm, 16cm, 18cm

LS1152RH/14
LS1152RH/16
LS1152RH/18

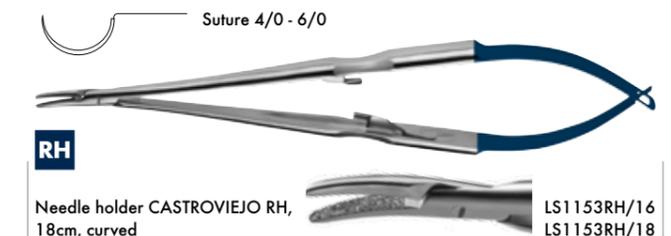


Suture 4/0 - 6/0

TC

Needle holder CASTROVIEJO TC, 18cm, curved

LS1153TC/16
LS1153TC/18

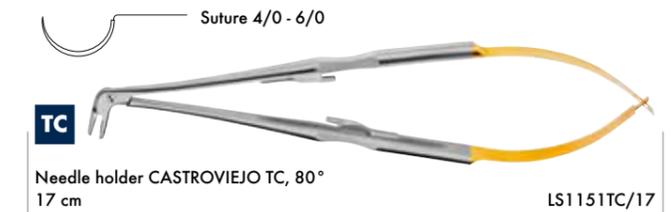


Suture 4/0 - 6/0

RH

Needle holder CASTROVIEJO RH, 18cm, curved

LS1153RH/16
LS1153RH/18

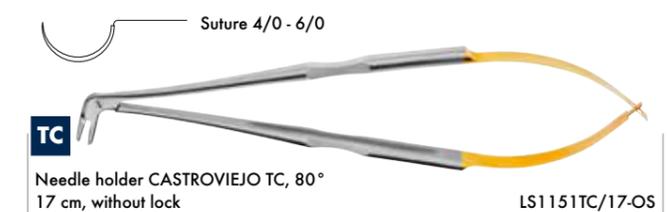


Suture 4/0 - 6/0

TC

Needle holder CASTROVIEJO TC, 80° 17 cm

LS1151TC/17



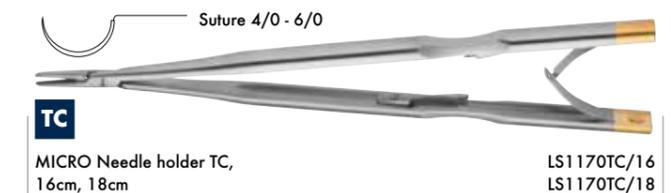
Suture 4/0 - 6/0

TC

Needle holder CASTROVIEJO TC, 80° 17 cm, without lock

LS1151TC/17-OS

NEEDLE HOLDER MICRO



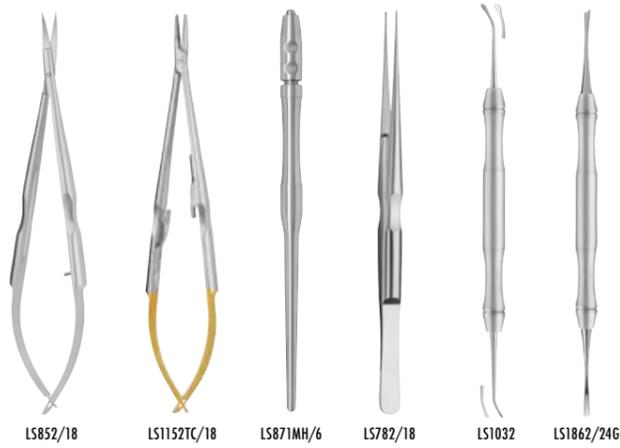
Suture 4/0 - 6/0

TC

MICRO Needle holder TC, 16cm, 18cm

LS1170TC/16
LS1170TC/18

SURGERY-TRAY

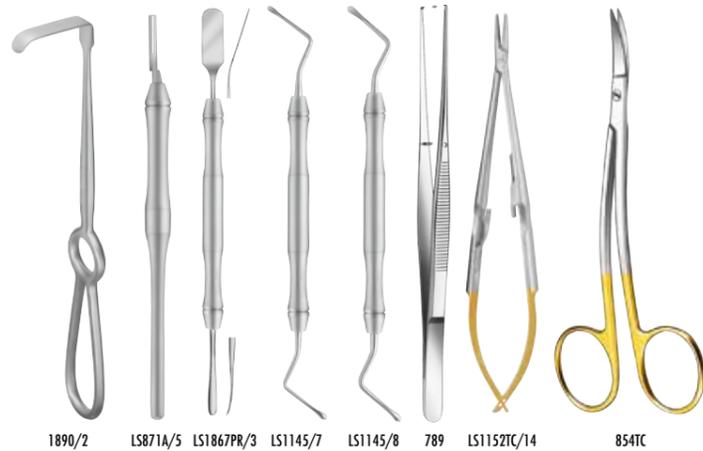


LS852/18 LS1152TC/18 LS871MH/6 LS782/18 LS1032 LS1862/246



Contents: see left, each 1x + BlueTray 3030-L
Measurements: 285 x 190 x 37mm
3049-FR

OSTEOTOMY-TRAY



1890/2 LS871A/5 LS1867PR/3 LS1145/7 LS1145/8 789 LS1152TC/14 854TC



Contents: see left, each 1x + BlueTray 3030-L
Measurements: 285 x 190 x 37mm
3062-FR

RES-TRAY (ROOT END SURGERY - APICOECTOMY)

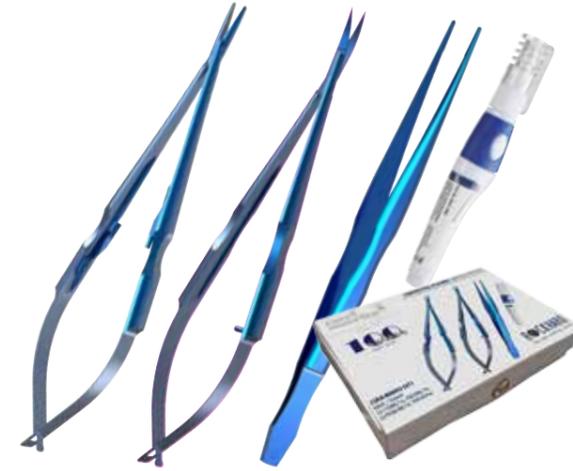


854TC LS1152TC/16 LS1145/7 LS871MH/6 LS782/18 1120 LS1862/246 LS485 465/3



Contents: see left, each 1x + BlueTray 3030-L
Measurements: 285 x 190 x 37mm
3064-FR

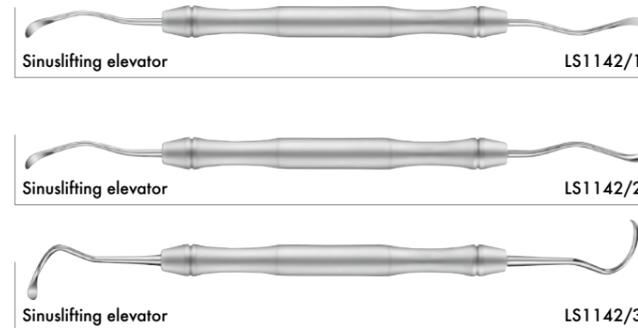
MICRO-SET - TITANIUM OXIDE COATING



Contents: LS1152RH/16, LS852RH/16, LS792DE-RH/16, 990
LSRH-Micro-SET 1

SINUSLIFTING INSTRUMENTS

· Sinus-lifting: Describes an augmentation method in the immediate vicinity beneath the sinus in cases with atrophied mandibles. Sinus-lifting involves first releasing the mucous membrane of the nose from the bone and filling the remaining space with autologous bone



Sinuslifting elevator LS1142/1
Sinuslifting elevator LS1142/2
Sinuslifting elevator LS1142/3

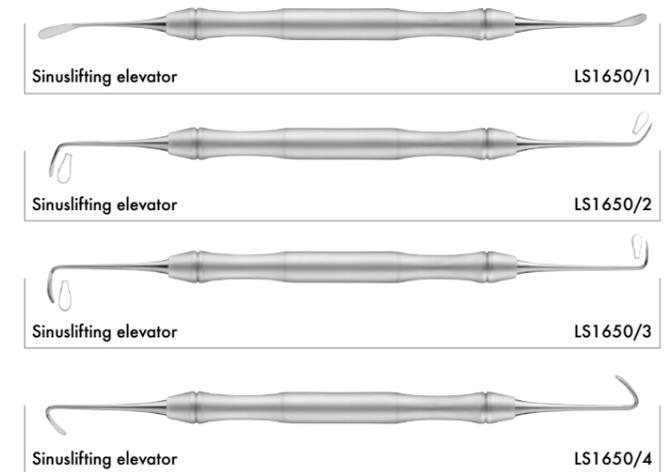
GINGIVECTOMY KNIFE

POLYFILL PLASMA⁺
Titanium Oxide coating



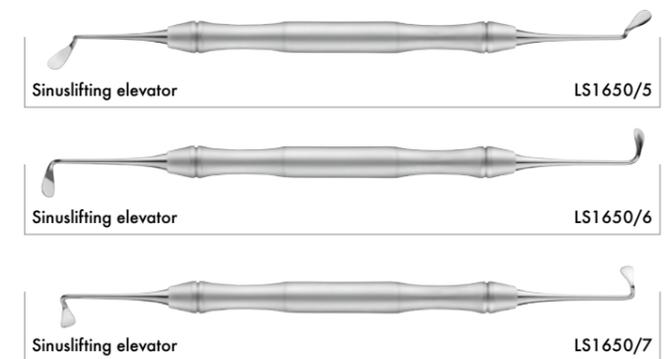
Gingivect. Knife acc. to ALLEN
Used for Insicions of soft tissues removal or modelling
LS1806/IDEL

SINUSLIFTING ELEVATORS - SINGLE ANGLED



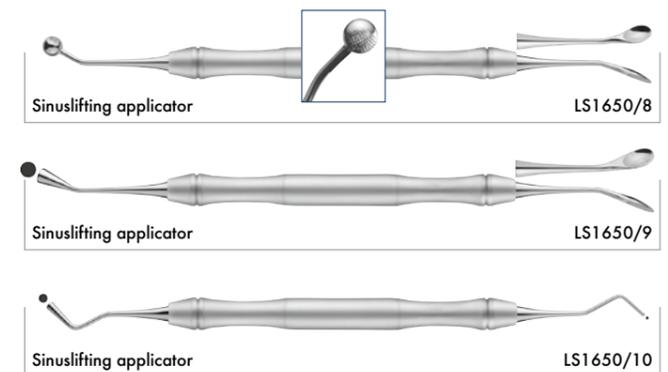
Sinuslifting elevator LS1650/1
Sinuslifting elevator LS1650/2
Sinuslifting elevator LS1650/3
Sinuslifting elevator LS1650/4

SINUSLIFTING ELEVATORS - DOUBLE ANGLED



Sinuslifting elevator LS1650/5
Sinuslifting elevator LS1650/6
Sinuslifting elevator LS1650/7

SINUSLIFTING APPLICATORS - SURGICAL



Sinuslifting applicator LS1650/8
Sinuslifting applicator LS1650/9
Sinuslifting applicator LS1650/10

Colori Keramik



CERAMICS colour marking
= optimum hygiene

These markings are

- Made from high-grade composite ceramic
 - Fully autoclavable and mechanically thermodisinfected
 - Highly resistant to adhesion, impacts and abrasions
 - Validated (tested for hygiene integrity)
- Colours do away with guesswork
- Currettes and scalars with standard coding for use on the tooth
 - Mirror handles, forceps and probes with individual coding for allocation to each treatment room.
 - Optionally, all single and double ended hand instruments are color-groove with a ceramic paint mark COLORI CERAMICS



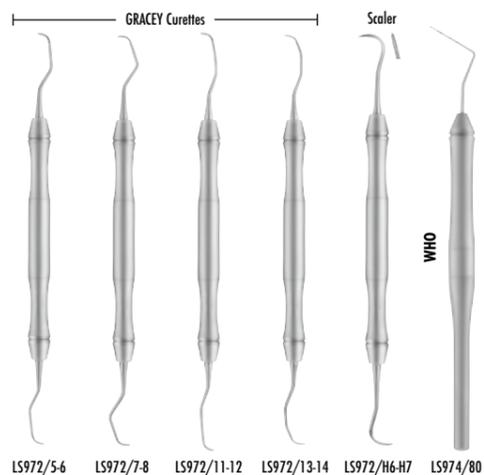
! see page 35

PERI-
ODON-
TOLOGY
PERIO-
DONTOLOGY
GY PERIO-
DONTOLOGY
PERIO-
DONTO-
LOGY
PERI-
ODON-
TOLOGY
PERIO-
DONTO

PERIODONTOLOGY

LiquidSteel®

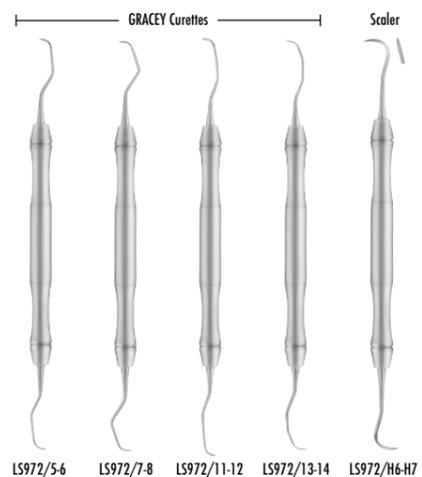
PROPHYLAXIS-TRAY



Contents: see left, each 1x + BlueTray 3030-M
Measurements: 190 x 140 x 37mm

3081-DE

PARO-STARTER-SET



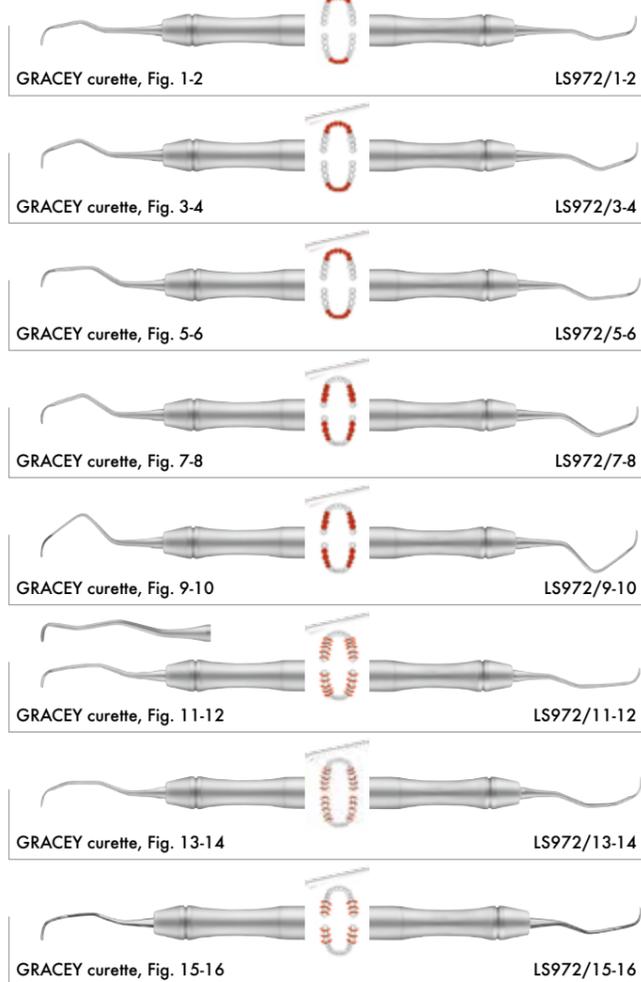
Contents: see left, each 1x + Tray 3011
Measurements: 180 x 70 x 25mm

LS3011-SET

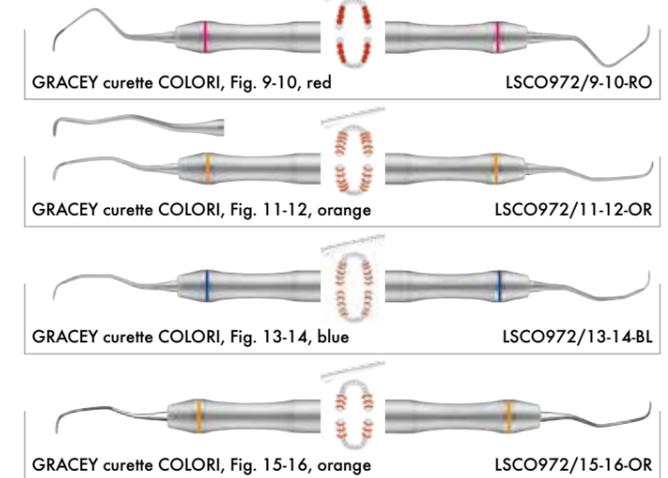
HIGH-END

WORKING TIPS

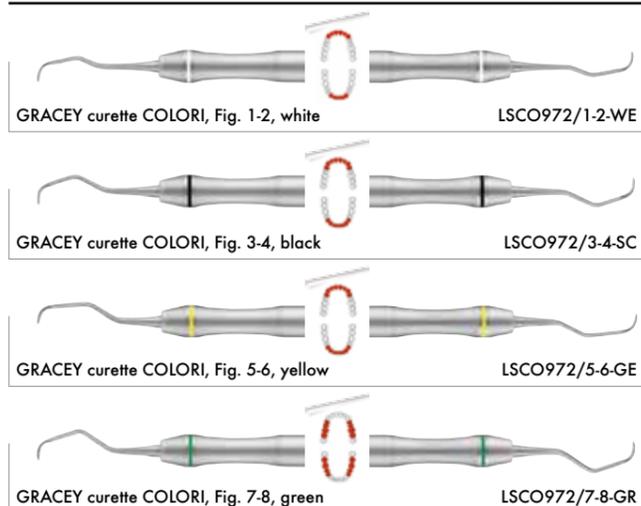
GRACEY CURETTES



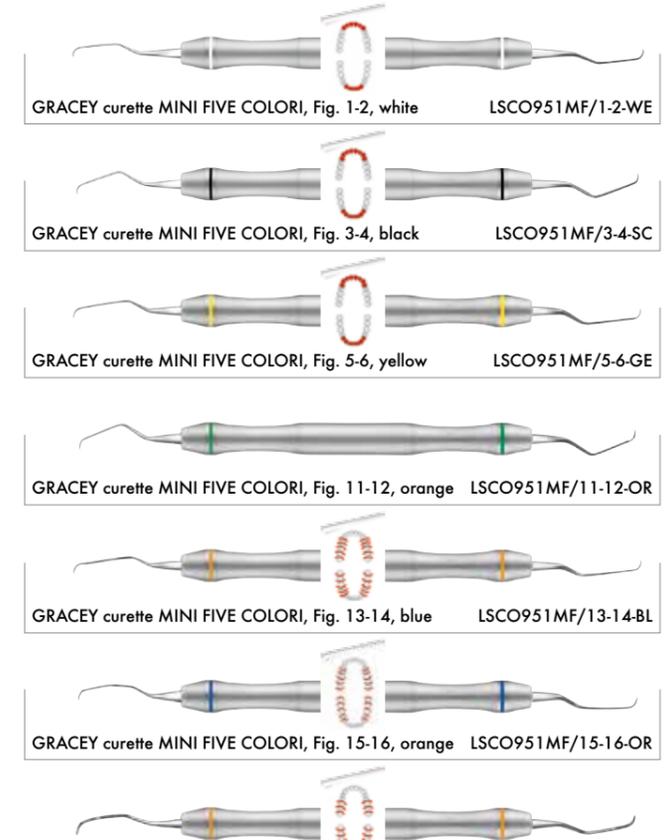
GRACEY CURETTES COLORI



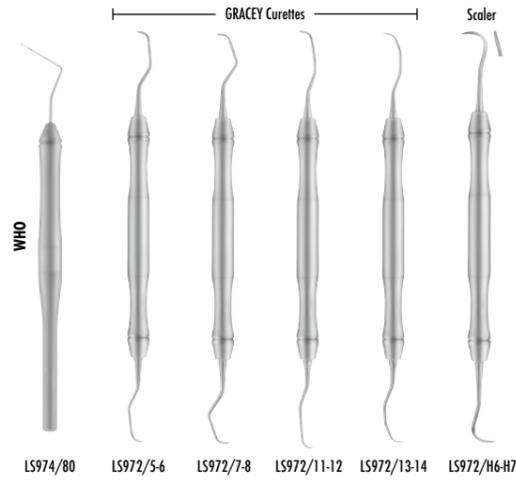
GRACEY CURETTES COLORI



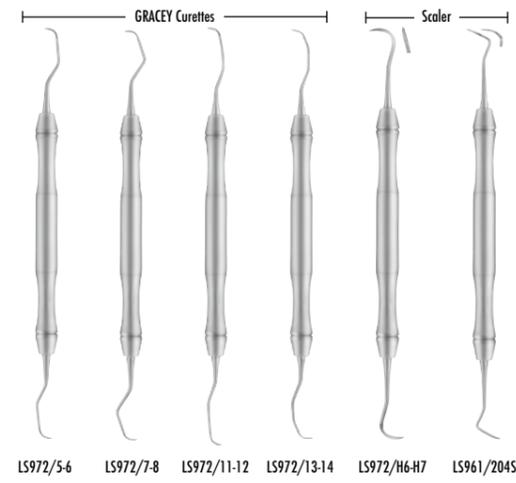
GRACEY CURETTES MINI FIVE COLORI



PARO-SETS



Contents: see left, each 1x + BlueTray 3030-M
Measurements: 190 x 140 x 37mm
LS3020

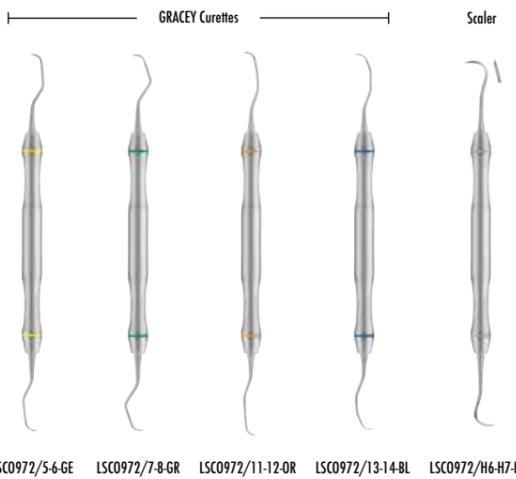


Contents: see left, each 1x + BlueTray 3030-M
Measurements: 190 x 140 x 37mm
3045

PARO-STARTER-SET COLORI

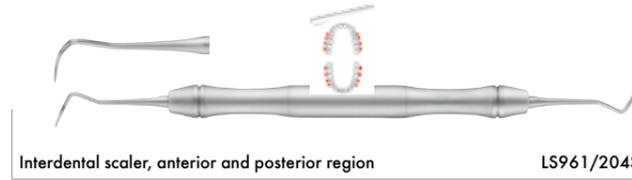


Colori Keramik

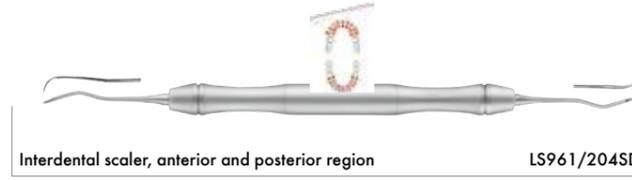


Contents: see left, each 1x + Tray 3021
Measurements: 185 x 110 x 25mm
LSCO3020

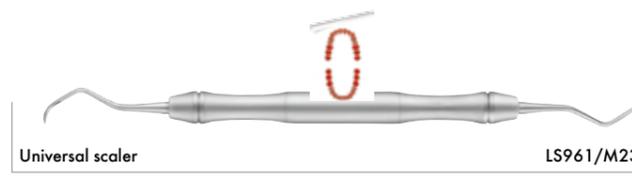
SCALER



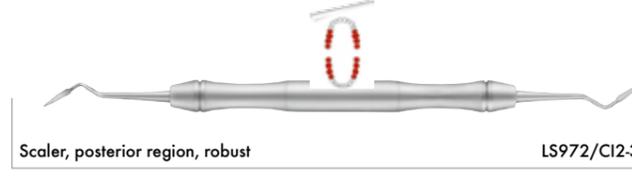
Interdental scaler, anterior and posterior region LS961/204S



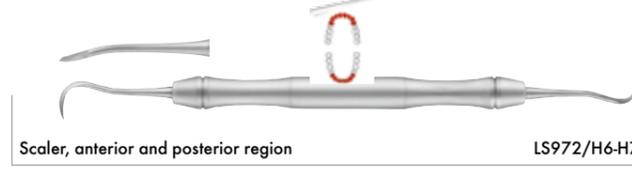
Interdental scaler, anterior and posterior region LS961/204SD



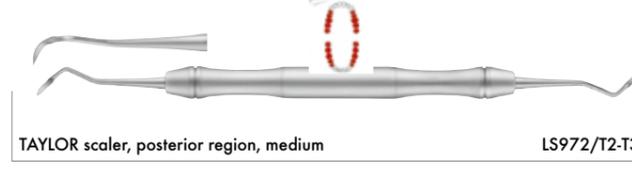
Universal scaler LS961/M23



Scaler, posterior region, robust LS972/CI2-3

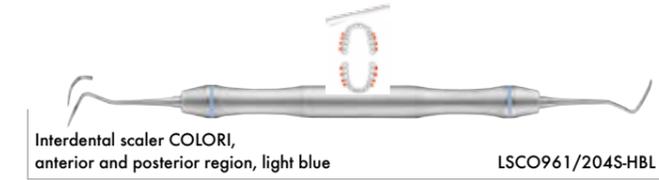


Scaler, anterior and posterior region LS972/H6-H7

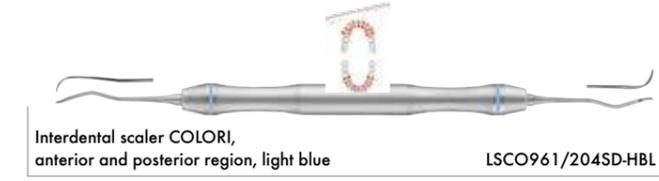


TAYLOR scaler, posterior region, medium LS972/T2-T3

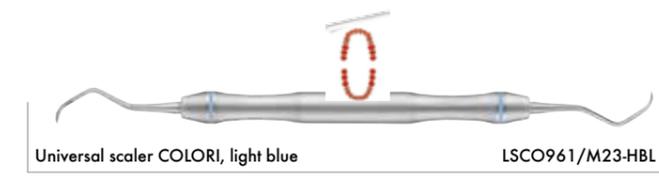
SCALER COLORI



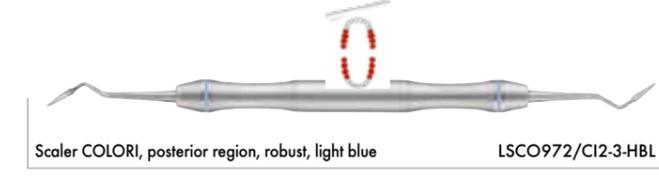
Interdental scaler COLORI, anterior and posterior region, light blue LSCO961/204S-HBL



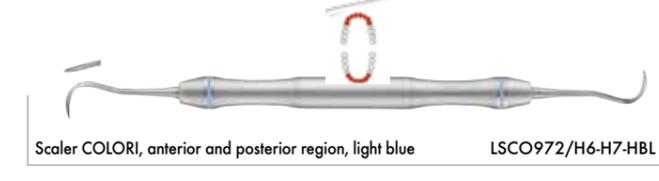
Interdental scaler COLORI, anterior and posterior region, light blue LSCO961/204SD-HBL



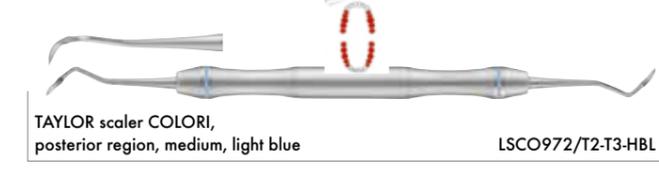
Universal scaler COLORI, light blue LSCO961/M23-HBL



Scaler COLORI, posterior region, robust, light blue LSCO972/CI2-3-HBL

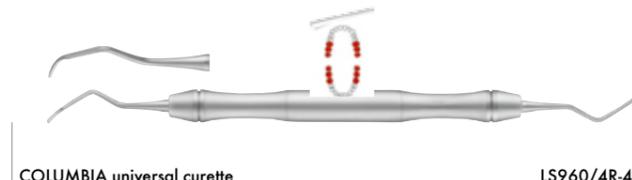


Scaler COLORI, anterior and posterior region, light blue LSCO972/H6-H7-HBL

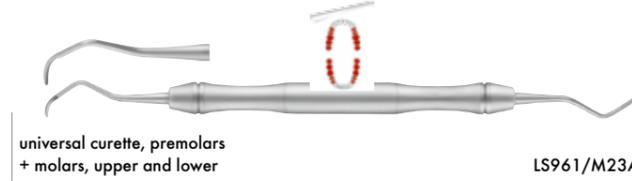


TAYLOR scaler COLORI, posterior region, medium, light blue LSCO972/T2-T3-HBL

UNIVERSAL CURETTES

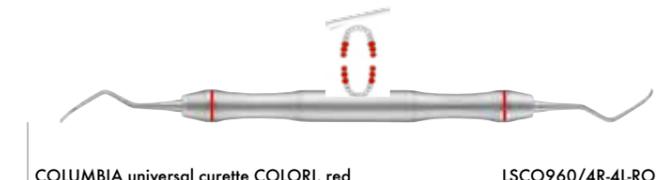


COLUMBIA universal curette LS960/4R-4L

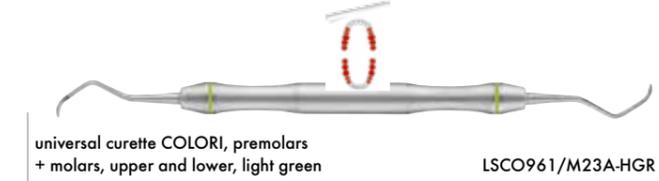


universal curette, premolars + molars, upper and lower LS961/M23A

UNIVERSAL CURETTES COLORI



COLUMBIA universal curette COLORI, red LSCO960/4R-4L-RO



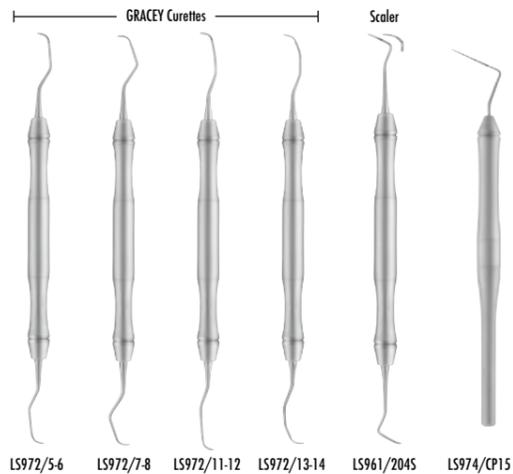
universal curette COLORI, premolars + molars, upper and lower, light green LSCO961/M23A-HGR

PERI-
ODON-
TOLOGY
PERIO-
DONTOL-
GY PERIO-
DONTOL-
GY PERIO-
DONTOL-
GY
LOGGY
PERI-
ODON-
TOLOGY
PERI-
ODON-
TOLOGY
PERIO-
DONTOL-
GY PE-
RIODON

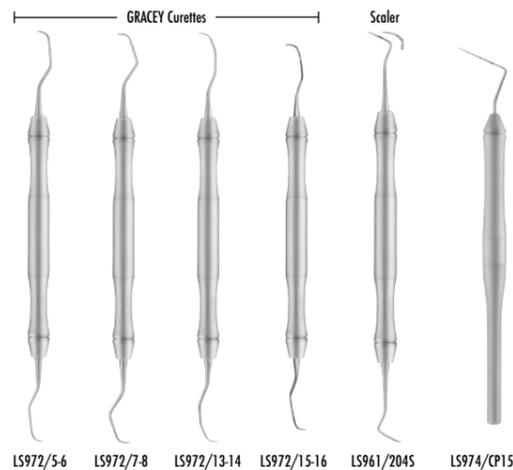
PERIODONTOLOGY

LiquidSteel®

PROPHYLAXE-TRAYS

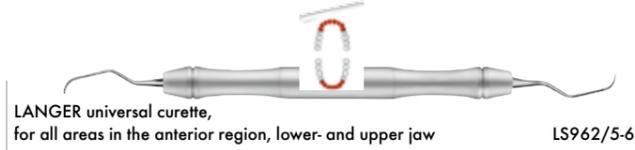
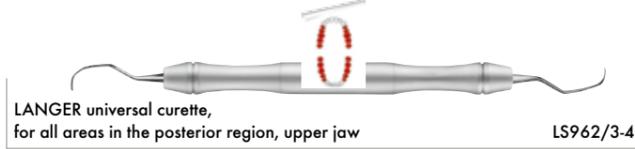
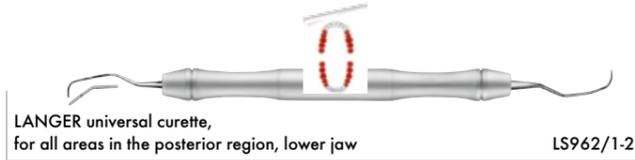


Contents: see left, each 1x + BlueTray 3030-M
Measurements: 190 x 140 x 37mm
3063-FR

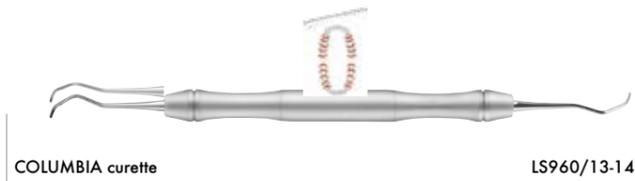


Contents: see left, each 1x + BlueTray 3030-M
Measurements: 190 x 140 x 37mm
3066-FR

CURETTES LANGER



COLUMBIA CURETTE



GRACEY CURETTES MINI FIVE



GINGIVECTOMY KNIVES



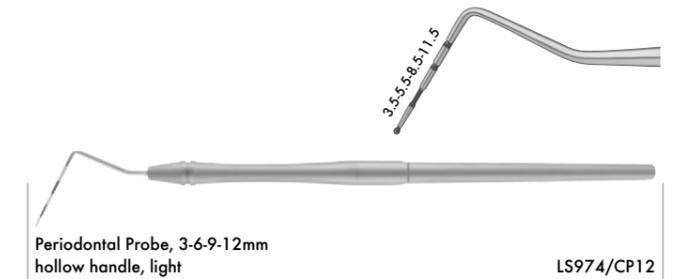
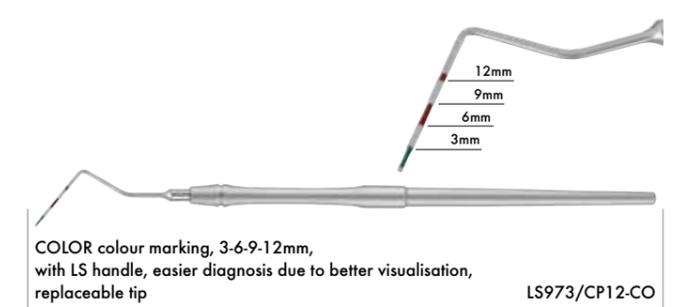
PERIOSTEAL KNIVES



PERIODONTAL FILES



PERIODONTAL PROBES



BONE CHISEL



POLYFILL PLASMA+[®]



CONSERVATION
TREATMENT
LIQUIDSTEEL

Composite instruments

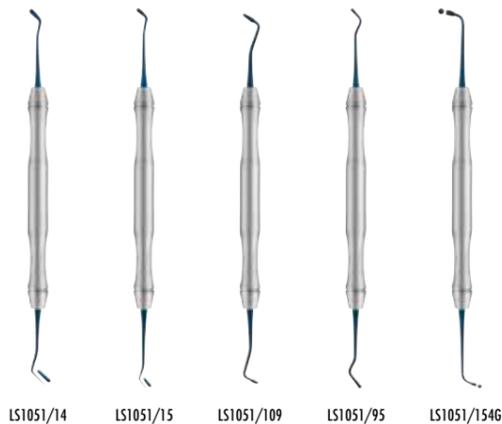
- With titanium oxide coating
- Extremely hard and scratch-resistant
- No adhesive effect with composites
- Dark blue working end for perfect contrast with filling material
- Matte handle for glare-free working
- Ultra-light ergonomic hollow handles for fatigue-free working

CONSERVATION TREATMENT

LiquidSteel[®]

POLYFILL PLASMA+

COMPO KIT

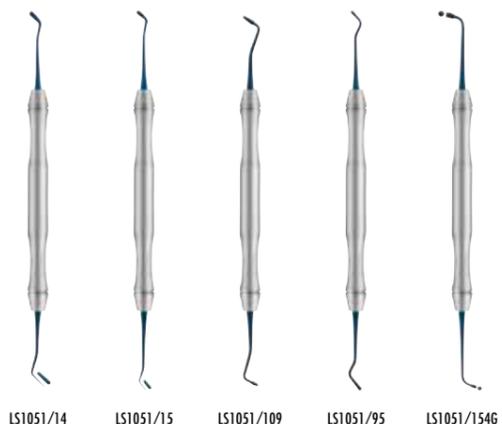


LS1051/14 LS1051/15 LS1051/109 LS1051/95 LS1051/154G



Contents: see left, each 1x + BlueTray 3030-M
Measurements: 190 x 140 x 37mm

3080-DE



LS1051/14 LS1051/15 LS1051/109 LS1051/95 LS1051/154G



Contents: see left, each 1x + Tray 3011
Measurements: 180 x 70 x 25mm

LS1051A-SET

COMPOSITE INSTRUMENTS POLYFILL PLASMA+



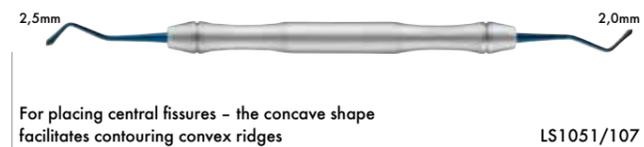
Curved, drop-shaped condenser for undercut preparations and tunnelling

LS1051/105



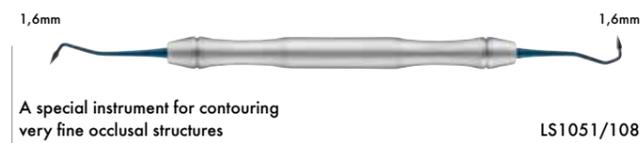
Semi-sphere for Class II and III fillings. The shape of the instrument facilitates inserting increments along the matrix and into undercut areas of the cavity.

LS1051/106



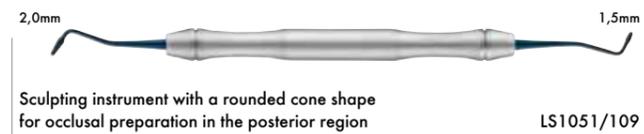
For placing central fissures – the concave shape facilitates contouring convex ridges

LS1051/107



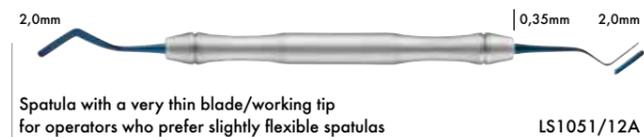
A special instrument for contouring very fine occlusal structures

LS1051/108



Sculpting instrument with a rounded cone shape for occlusal preparation in the posterior region

LS1051/109



Spatula with a very thin blade/working tip for operators who prefer slightly flexible spatulas

LS1051/12A



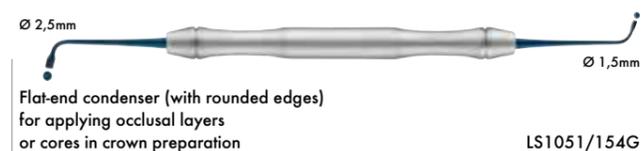
Universal spatula

LS1051/14



Universal spatula

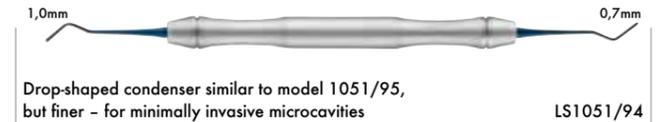
LS1051/15



Flat-end condenser (with rounded edges) for applying occlusal layers or cores in crown preparation

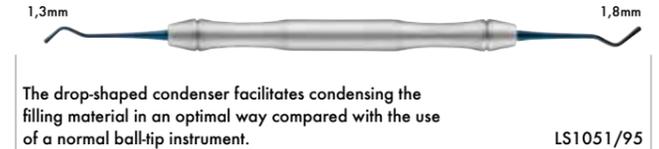
LS1051/154G

COMPOSITE INSTRUMENTS POLYFILL PLASMA+



Drop-shaped condenser similar to model 1051/95, but finer – for minimally invasive microcavities

LS1051/94



The drop-shaped condenser facilitates condensing the filling material in an optimal way compared with the use of a normal ball-tip instrument.

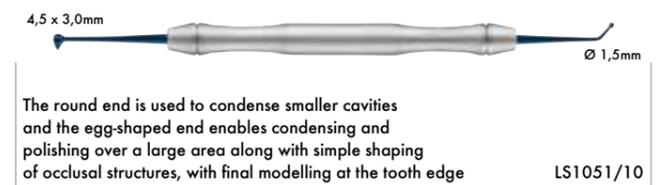
LS1051/95



This angled spatula enables a very ergonomic technique when contouring vertical surfaces (e.g. contouring outer surfaces of posterior teeth).

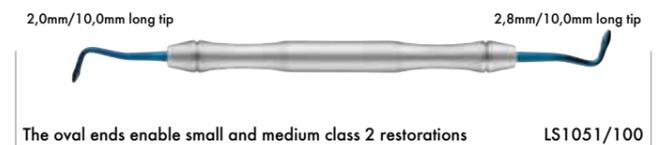
LS1051/MB4

FILLING INSTRUMENTS POLYFILL PLASMA+



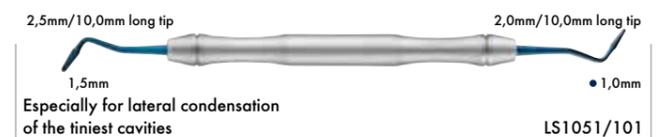
The round end is used to condense smaller cavities and the egg-shaped end enables condensing and polishing over a large area along with simple shaping of occlusal structures, with final modelling at the tooth edge

LS1051/10



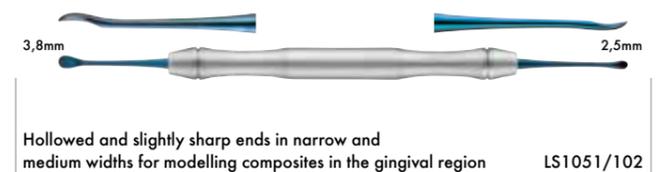
The oval ends enable small and medium class 2 restorations

LS1051/100



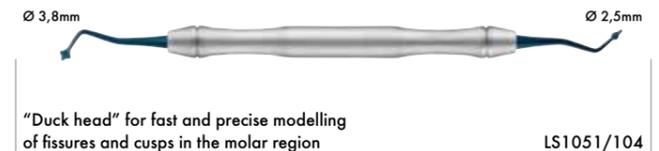
Especially for lateral condensation of the tiniest cavities

LS1051/101



Hollowed and slightly sharp ends in narrow and medium widths for modelling composites in the gingival region

LS1051/102



“Duck head” for fast and precise modelling of fissures and cusps in the molar region

LS1051/104

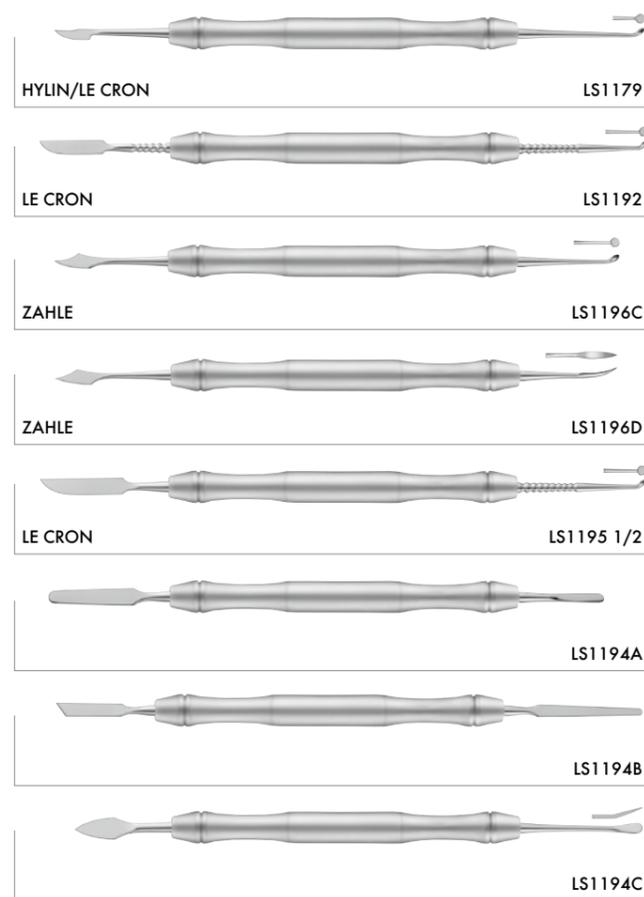
PRO-
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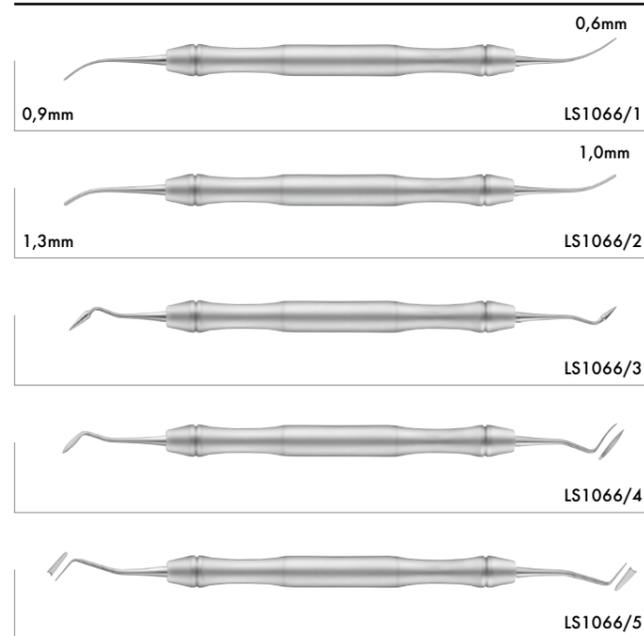
LiquidSteel®

TICS PRO-
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MODELLING INSTRUMENTS



P.K. THOMAS COLOR



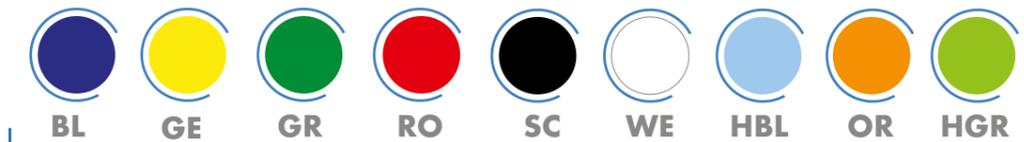
SET PK-Thomas Color in case,
Contents: LS1066/1,2,3,4,5

LS1066/1-5-SET



CERAMICS colour marking
= optimum hygiene

Make your custom color choice!



And that's how it's done.

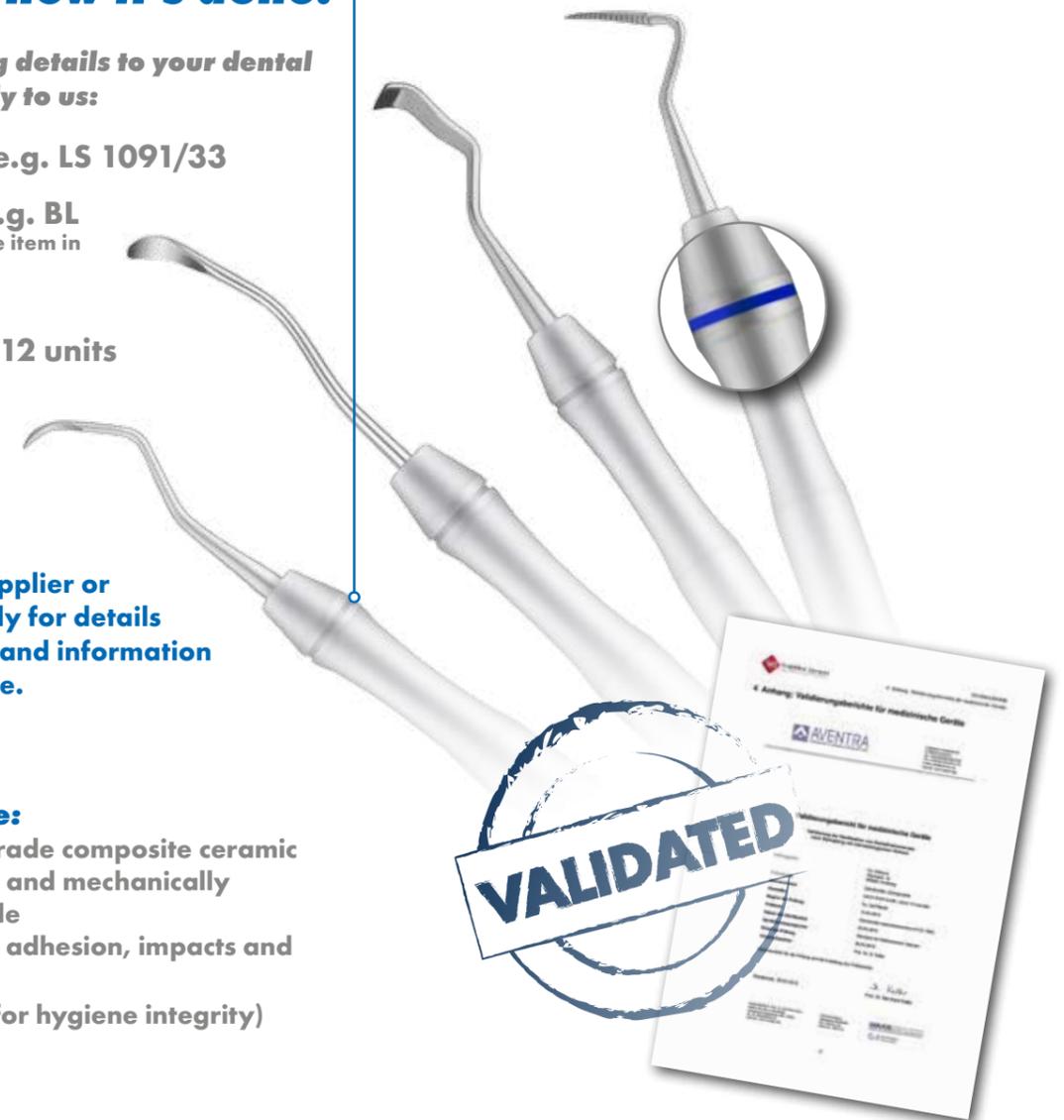
Give the following details to your dental supplier or directly to us:

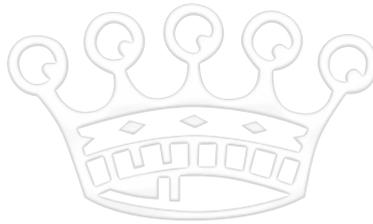
- **Item number:** e.g. LS 1091/33
- **Colour code:** e.g. BL (must be added to the item in text form)
- **Quantity:** e.g. 12 units

Please ask your supplier or approach us directly for details of additional costs and information on the delivery time.

The markings are:

- Made from high-grade composite ceramic
- Fully autoclavable and mechanically thermodisinfected
- Highly resistant to adhesion, impacts and abrasions
- Validated (tested for hygiene integrity)





F I N E S T D E N T A L I N S T R U M E N T S



F I N E S T D E N T A L I N S T R U M E N T S

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