



FINEST DENTAL INSTRUMENTS  
GERMANY

over  
**100**  
years  
since 1916

**LIQUIDSTEEL®**

fluent **perfection**

the new  
**SENSITIVE GRIP**



# New Comfort Line

from Carl Martin - Solingen

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

## ERGONOMICS

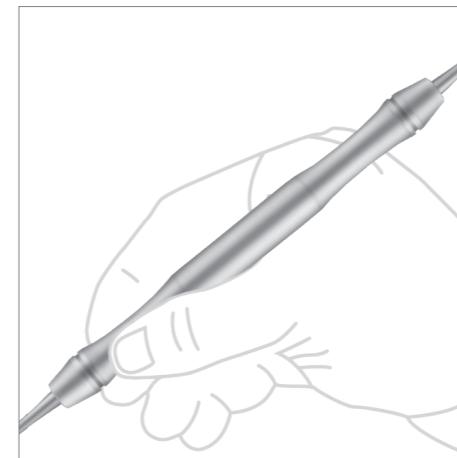
## EASY CLEANING

## 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 prosthetics**.

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.



## 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 ( $\varnothing$  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.

## SUITABLE FOR

- Sterilisation (Autoklav 134°C)
- Thermal disinfectable

Our work instruction for the reprocessing of re-sterilisable instruments according to DIN EN ISO 17664











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# SURGERY IMPLANTOLOGY

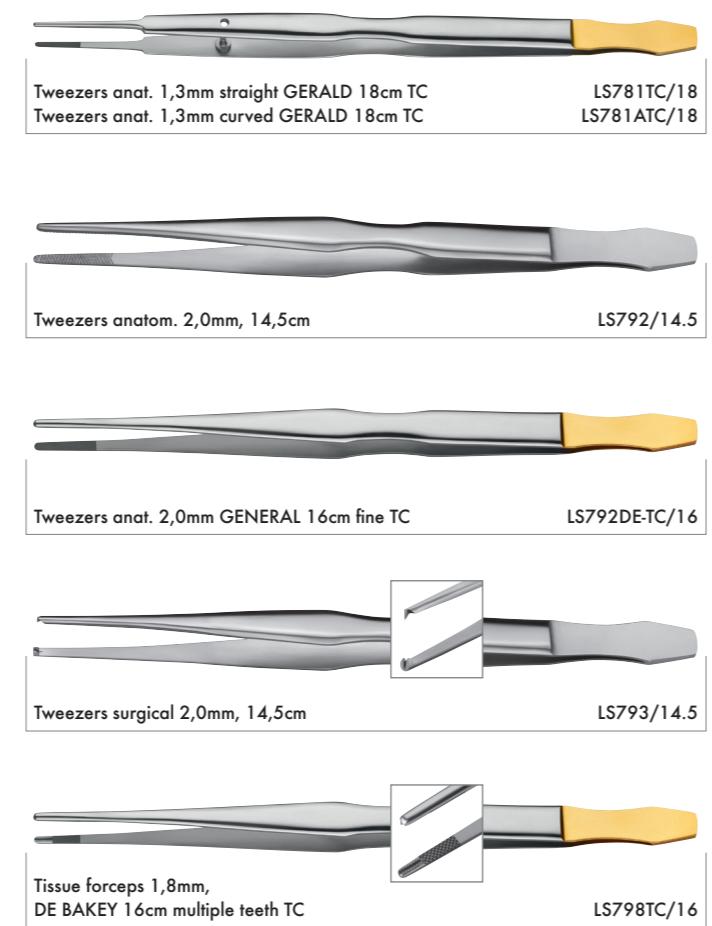
LiquidSteel®

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## MICRO SURGERY-TRAY



## TWEEZERS



**TC**

= Tungsten Carbid  
With tungsten carbide inserts

**RH**

= ROCKHARD  
TITANIUM CARBIDE coating

## MICRO TWEEZERS



**RH**



**RH**



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.

## TUNNELING INSTRUMENTS

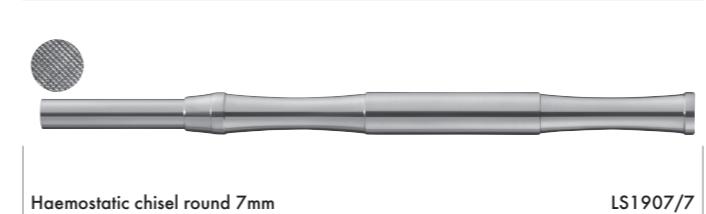
To avoid large flaps with the aim of a surgical undermining technique, these instruments are used for the creation of planar tunnelling incisions into the tissue. Such surgical procedures are for example indicated in the field of tissue augmentation using the tunnel technique.



## PAPILLA ELEVATOR



## HAEMOSTATIC CHISELS



## PERIOTOM

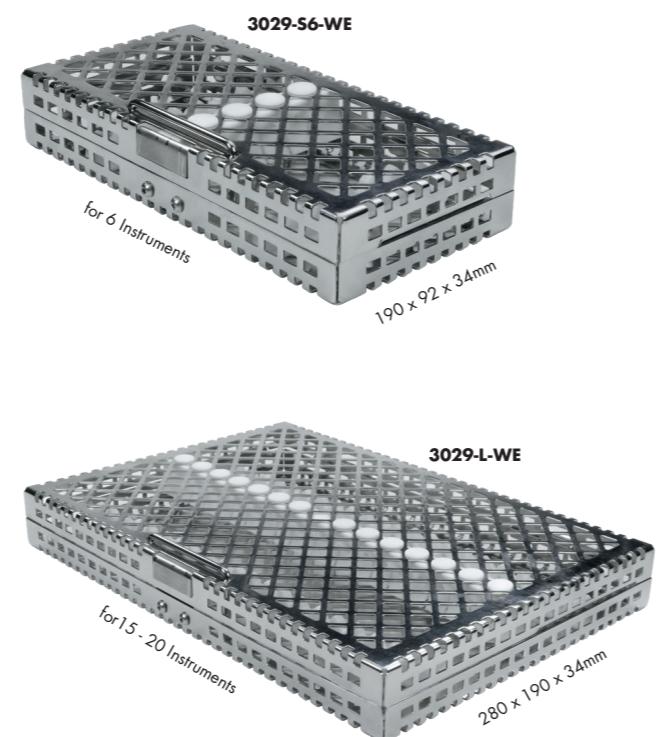


## GINGIVA RETRCTOR

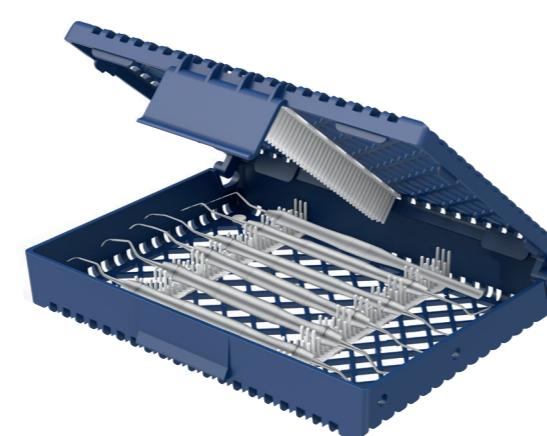
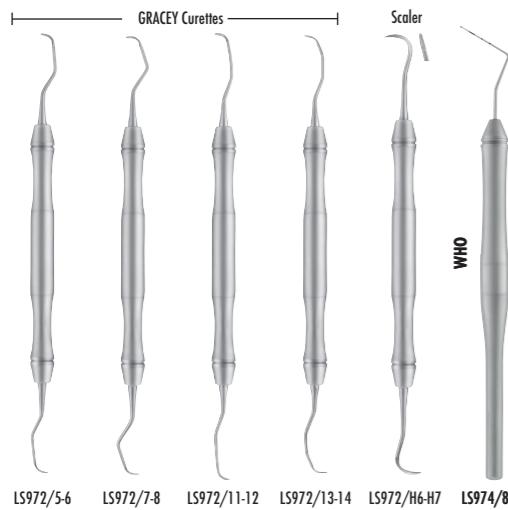


## PERIODONTOLOGY

LiquidSteel®

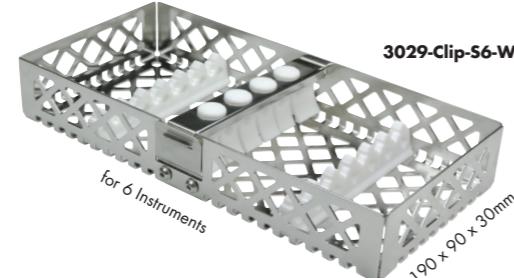


### PARO-STARTER-SET

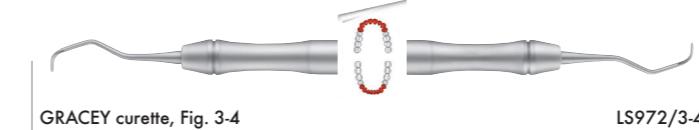


Contents: see left, each 1x + BlueTray 3030-M  
Measurements: 190 x 140 x 37mm

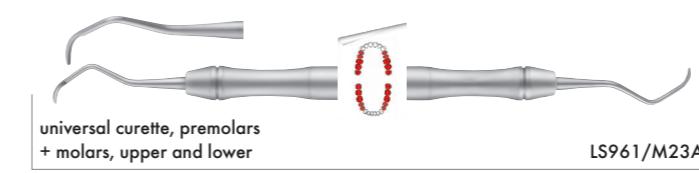
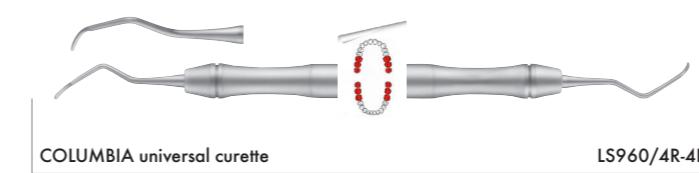
LS3020



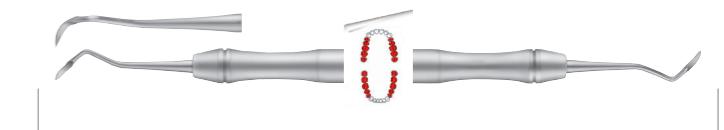
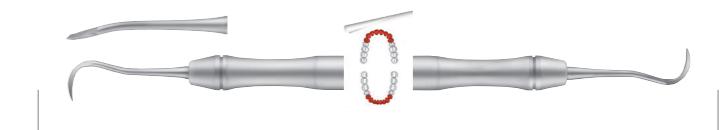
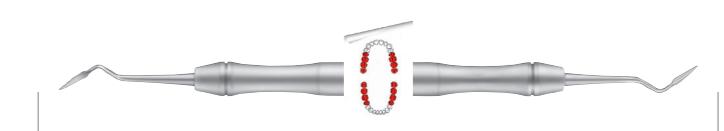
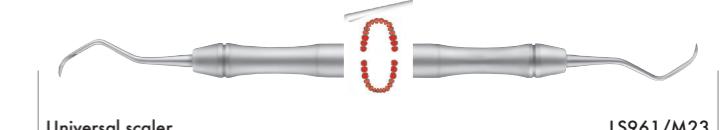
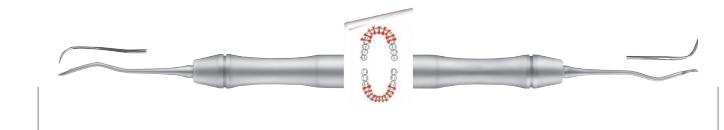
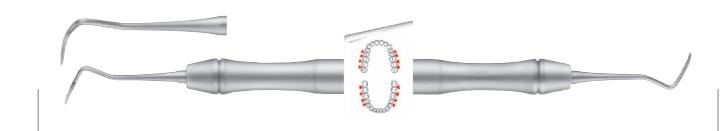
### GRACEY CURETTES



### UNIVERSAL CURETTES



### SCALER













C O N -  
S E R -  
V A T I O N  
T R E A T -  
M E N T C O N -  
S E R V A T I -  
O N T R E A T M E N T  
C O N S E R -  
V A T I O N  
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M E N T C O N S E R -  
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M E N T C O N S E R -  
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## CONSERVATION TREATMENT

LiquidSteel®

M E N T C O N -  
S E R V A T I O N  
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### GINGIVAL MARGIN TRIMMERS



Gingival margin trimmer for finishing trihedral angles, mesial LS1181/161-62



Gingival margin trimmer for finishing trihedral angles, distal LS1181/165-66



Gingival margin trimmer, distal 13-95-8-14 LS1181/26



Gingival margin trimmer, mesial 13-80-8-14 LS1181/27

= pair of instruments

### MATRIX RETAINERS



NYSTRÖM left

NYSTRÖM right

LS596/1 LS596/2



TOFFLEMIRE Universal

TOFFLEMIRE Junior

LS599/1 LS599/2

### GINGIVAL MARGIN TRIMMERS



Gingival margin trimmer, distal 10-95-7-14 LS1181/28



Gingival margin trimmer, mesial 10-80-7-14 LS1181/29

### ENAMEL HATCHETS



Enamel hatchet, straight, for smoothing the cavity wall in the region of interproximal boxes, 15-8-8 LS1181/11-12

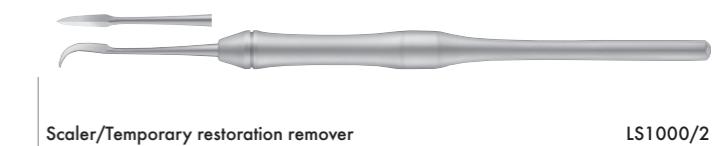


Enamel hatchet, angled, as LS1181/11-12, 10-6-14 LS1181/17-18



Enamel hatchet, angled, as LS1181/17-18, 15-8-12 LS1181/51-52

### SCALER/TEMPORARY RESTORATION REMOVER



Scaler/Temporary restoration remover

LS1000/2

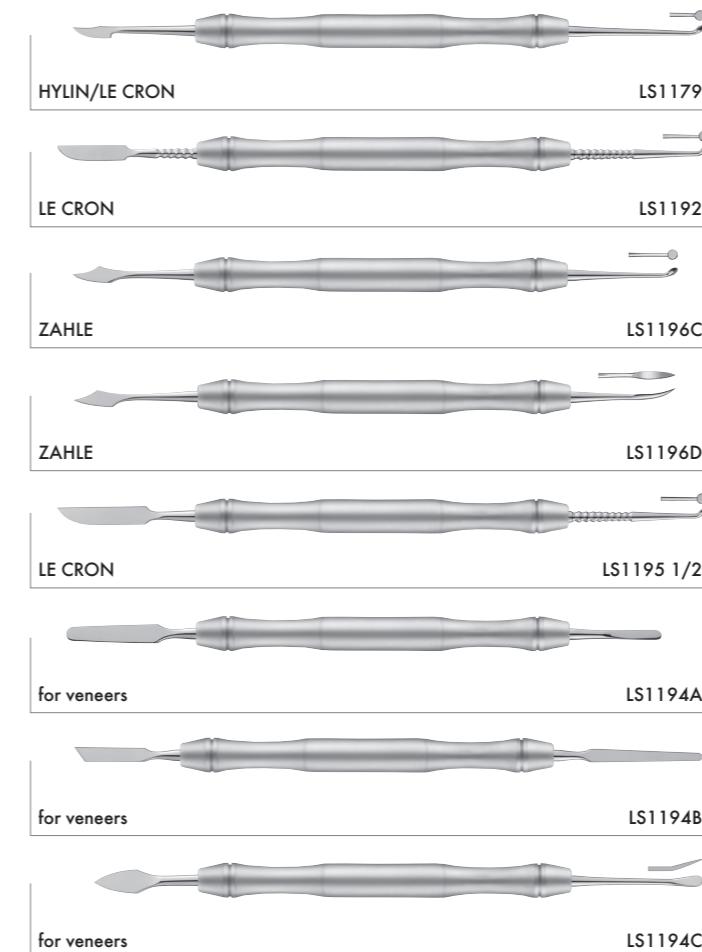
# **PROSTHETICS**

**LiquidSteel®**

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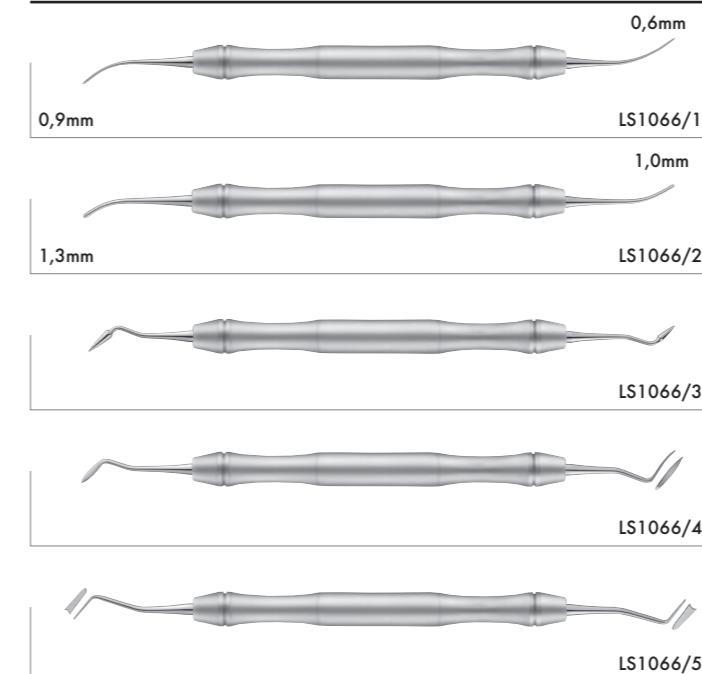
## MODELLING INSTRUMENTS

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P.K. THOMAS MODELLING INSTRUMENTS



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

LS1066/1-5-SET



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FINEST DENTAL INSTRUMENTS



FINEST DENTAL INSTRUMENTS



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