MD 62: technical data



| Technical Data | |
|-----------------------------|-----------------------------------|
| Mains voltage/ power supply | 230 V, 50 Hz |
| Rated frequency | 1000 kHz |
| Pulse frequency | 500 kHz |
| LF/HF leakage currents | as per IEC 60601-1, IEC 60601-2-2 |

| Technical Data | |
|---------------------|--|
| HF output power: | |
| Cutting current | 50 W at 600 Ohm |
| Coagulation current | 30 W at 1200 Ohm |
| Weight | 2.8 kg |
| Dimensions | Height 78 mm Width 200 mm Depth 185 mm |
| CE marking | conform with 93/42/EEC |

| Ordering Informa | ntion |
|------------------|---------------------------------------|
| 80-006-02-04 | KLS Martin MD 62 electrosurgical unit |
| | with power cord without accessories |

| 80-106-01-04 | Accessory set for MD 62 for foot switch operation, consisting of: |
|--------------|---|
| 80-214-12-04 | smartPen electrode handle without pushbutton, for 1.6-mm electrodes, with KLS Martin plug |
| 80-444-08-01 | Electrode box for 8 dental electrodes |
| 80-461-01-04 | Needle electrode Ø 0.2 mm, straight, Fig. 1 |
| 80-461-02-04 | Needle electrode Ø 0.2 mm, 45° angled, Fig. 2 |
| 80-461-12-04 | Wire loop electrode Ø 5.0 mm, Fig. 12 |
| 80-461-14-04 | Wire loop electrode, rhombic, 8.0 x 5.0 mm, Fig. 14 |
| 80-461-15-04 | Wire Loop electrode, elongated, 7.0 x 1.5 mm, shaft 45° angled, Fig. 15 |
| 80-461-31-04 | Needle electrode for coagulation, Ø 0.6 mm, 45° angled, Fig. 31 |
| 80-812-10-04 | Single-pedal foot switch, pneumatic, with connection tube of 3 m |
| 80-505-00-04 | Cleaning pad for electrodes, sterile packed, SU = 100/pack |

| 80-107-00-04 | Accessory set for MD 62 for hand switch operation, consisting of: |
|--------------|--|
| 80-214-13-04 | smartPen electrode handle with one pushbutton, for 1.6-mm electrodes, with KLS Martin plug |
| 80-444-08-01 | Electrode box for 8 dental electrodes |
| 80-461-01-04 | Needle electrode Ø 0.2 mm, straight, Fig. 1 |
| 80-461-02-04 | Needle electrode Ø 0.2 mm, 45° angled, Fig. 2 |
| 80-461-12-04 | Wire loop electrode Ø 5.0 mm, Fig. 12 |
| 80-461-14-04 | Wire loop electrode, rhombic, 8.0 x 5.0 mm, Fig. 14 |
| 80-461-15-04 | Wire loop electrode, elongated, 7.0 x 1.5 mm, shaft 45° angled, Fig. 15 |
| 80-461-31-04 | Needle electrode for coagulation, Ø 0.6 mm, 45° angled, Fig. 31 |
| 80-505-00-04 | Cleaning pad for electrodes, sterile packed, SU = 100/pack |
| | |

KLS Martin Group

KLS Martin Australia Pty Ltd.

Sydney · Australia Tel. +61 2 9439 5316 australia@klsmartin.com

KLS Martin Italia S.r.l. Milan · Italy Tel. +39 039 605 67 31 info@klsmartin.com

KLS Martin Nederland B.V.

Huizen · Netherlands Tel. +31 35 523 45 38 infonl@klsmartin.com

KLS Martin UK Ltd. Reading · United Kingdom Tel. +44 118 467 1500 info.uk@klsmartin.com

KLS Martin do Brasil Ltda. São Paulo · Brazil

russia@klsmartin.com

Jacksonville · Florida, USA

Tel. +1 904 641 77 46

usa@klsmartin.com

KLS Martin LP

KLS Martin Medical (Shanghai) International Trading Co., Ltd Tel. +55 11 3554 2299 Shanghai · China brazil@klsmartin.com Tel. +86 21 5820 6251 info@klsmartin.com

KLS Martin Japan K.K. KLS Martin SE Asia Sdn. Bhd. Tokyo · Japan Penang · Malaysia Tel. +604 261 7060 Tel. +81 3 3814 1431 info@klsmartin.com malaysia@klsmartin.com

KLS Martin SE & Co. KG KLS Martin Taiwan Ltd. Moscow · Russia Taipei · Taiwan Tel. +7 499 792 76 19 Tel. +886 2 2325 3169

> KLS Martin SE Asia Sdn. Bhd. Hanoi · Vietnam Tel. +49 7461 706-0

taiwan@klsmartin.com

info@klsmartin.com

KLS Martin India Pvt Ltd.

Chennai · India Tel. +91 44 66 442 300 india@klsmartin.com

KLS Martin de México, S.A. de C.V. Mexico City · Mexico Tel. +52 55 7572 0944 mexico@klsmartin.com

KLS Martin SE & Co. KG Dubai · United Arab Emirates Tel. +971 4 454 16 55 middleeast@klsmartin.com



The compact electrosurgical unit built to high safety standards

KL5 martin

GROUP

KLS martin MD 62

KLSmartin ED



https://itunes.apple.com/de/app/kls id1198171415?l=de&ls=1&mt=8



Do you know how to get all important information

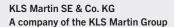
Please download KLS Martin App Energy Devices! The App is available for Android and iOS.

about the KLS Martin Energy Devices?

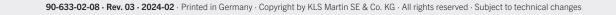








KLS Martin Platz 1 · 78532 Tuttlingen · Germany PO Box 60 · 78501 Tuttlingen · Germany Tel. +49 7461 706-0 · Fax +49 7461 706-193 info@klsmartin.com · www.klsmartin.com





MD 62

The compact electrosurgical unit built to high safety standards

The KLS Martin MD 62 is an electrosurgical unit for use in dentistry. Additional fields of application include dermatology and minor





KLS Martin MD 62

in dentistry. With its special features and accessories and matching output power, KLS Martin's MD 62 electrosurgical unit meets all requirements

To account for the special conditions and rein this field.

Thanks to its small dimensions, the unit is very easy to handle, providing maximum flexibility in use.

The KLS Martin MD 62 has the following main features:

- HF surgery is considered a safe and proven method

 Two different types of current, one for cutting and one for coagulation.
 - quirements associated with dental, oral and maxillomandibular applications, the highfrequency current can be activated in two different ways. In hand switch mode, the HF current is activated via a finger-operated switch located on the handle. In foot switch mode, a handle without a pushbutton is used and the HF current is activated via a foot switch.
 - An optional foot switch is available for use with a handle without pushbutton.
 - The powerful electrosurgical unit is supplemented by a wide range of high-quality electrodes and accessories.

Safe and Easy Operation

All functions available are clearly marked by symbols on the front panel. The unit features an analog rotary switch for safe and easy power setting. The option — either via a foot switch or a handle featuring terminal mode of operation.

> All connector jacks are marked unambiguously for correct use.

Safety in Use

a pushbutton.

The KLS Martin MD 62 has been designed to meet the high demands of surgical users.

The device carries the CE mark according to the directive 93/42/EECof 14.06.1993 of medical devi-

Due to the monoterminal technique, no neutral electrode is needed. This spares the patient the inconvenience caused by NE attachment.

Performance Characteristics

The user has two types of current available: one for cutting and one for coagulation. These currents have been matched to the tissue-specific impedantwo types of current can be activated – at the user's ces involved and are fully compatible with the mono-

> This powerful electrosurgical device provides the high technical quality, reliability and safety medical specialists require in daily practice.

Hygiene Made Easy

The housing is made of high-quality, coated sheet steel. This reliably prevents oxidation caused by disinfectants.

As neither cooling slots nor fans are required for safe operation, no liquids such as cleaning or disinfecting solutions can penetrate into the unit.



Wide Range of High-Quality Accessories

Handles specially optimized for use in the oral cavity plus a comprehensive range of active electrodes guarantee the unit's usefulness and reliability in daily practice.

Selected accessories have been combined into a practical set.

Application examples from dentistry:

- gingivoplasty/gingivectomy
- dentitio difficilis
- hemostasis by using HF current (electrocoagulation)
- biopsy
- tumor resection/coagulation
- root canal sterilization
- mucosal surgery (removal of abscesses, overgrowth,
- lengthening of tooth crowns or abutment teeth that are too short for bridge support
- surgical treatment of abnormal labial or lingual frenula
- desensitization of bare dental necks