

Units and modules



The Erbe workstation configurable for any speciality

The VIO electrosurgical unit is the master module of the workstation. In terms of hardware and software, it is configured based on CUT and COAG modes or socket assignments that are optimized for particular applications.

The VIO surgical system is supplemented by additional modules that are integrated on the equipment cart: units for argon plasma coagulation (APC 2), waterjet surgery (ERBEJET 2), smoke plume evacuation (IES 2), aspiration of secretion (ESM 2) or an endoscopic irrigation pump (EIP 2), as well as other modules.

An overview of all software and hardware configurations is provided in this overview brochure. The Erbe workstations support a wide range of instruments and accessories; further information is available in our accessories catalog 85100-168 or on our website.



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Contents

VIO D

VIO 200/300 D



VIO S

VIO 200/300 S



VIO C

VIO 50/100 C



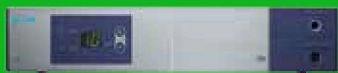
APC 2

Argon plasma coagulation



NT 2

Nerve test



VEM 2

VIO extension module



ERBEJET 2

waterjet surgery system



IES 2

Smoke plume evacuator



EIP 2

Endoscopic irrigation pump



ESM 2

Secretion aspirator for ERBEJET 2



Electrosurgery

Areas of application

For practices in hospitals and outpatient operations

Clinics/Practices

| | VIO 300 D | VIO 200 D | VIO 300 S | VIO 200 S | VIO 50/100 C |
|------------------------------|-----------|-----------|-----------|-----------|--------------|
| Gynecology | ■ | □ | □ | - | ■ |
| Urology | ■ | □ | □ | - | - |
| General surgery | ■ | □ | □ | - | ■ |
| Gastroenterology / Endoscopy | □ | ■ | □ | ■ | - |
| ENT | ■ | ■ | □ | □ | ■ |
| Orthopedics | ■ | □ | ■ | □ | - |
| Dermatology | □ | □ | □ | ■ | ■ |
| OMS | ■ | □ | □ | □ | ■ |
| Ophthalmology | □ | ■ | □ | ■ | ■ |
| Pulmonology | □ | ■ | □ | ■ | - |

Legend:

- *strongly recommended*
- *recommended*

Electrosurgery

Units

VIO® 300 D

In addition to vessel sealing, the high-end unit from the VIO product range offers all APC modes and all available CUT and COAG modes (either as a standard mode in the unit or as an upgrade)

- Simple and interactive operation using the TFT display
- Automatic power adjustment for all control technologies
- Variable configuration of socket assignment
- Additional upgrades available for specific medical specialties



No. 10140-100

Upgrades

| | |
|---|-----------|
| PRECISE Upgrade - PRECISE CUT - BIPOlar PRECISE CUT - PRECISE COAG - BIPOlar PRECISE COAG | 29140-217 |
| ENDO CUT Upgrade - ENDO CUT Q - ENDO CUT I | 29140-218 |
| TWIN COAG Upgrade - TWIN COAG - Argon TWIN COAG | 29140-216 |
| BiClamp Upgrade | 29140-214 |

VIO® 200 D

VIO electrosurgical unit for endoscopy and other disciplines with all APC modes and other COAG modes for endoscopy, ENDO CUT I and Q as an upgrade

- Simple and interactive operation using the TFT display
- Automatic power adjustment for all control technologies
- Variable configuration of socket assignment
- Additional upgrades available for specific medical specialties



No. 10140-200

Upgrades

| | |
|---|-----------|
| PRECISE Upgrade - PRECISE CUT - BIPOlar PRECISE CUT - PRECISE COAG - BIPOlar PRECISE COAG | 29140-217 |
| ENDO CUT Upgrade - ENDO CUT Q - ENDO CUT I | 29140-218 |
| DRY CUT Upgrade - DRY CUT - Argon DRY CUT | 29140-215 |

Electrosurgery

Units

VIO® 300 S

Universal VIO electrosurgical unit based on different variants. For many surgical specialities with the most important CUT and COAG modes as well as FORCED APC, with optional ENDO CUT I and Q

- Direct operation using the segment display
- Automatic power adjustment for all control technologies
- Variable configuration of socket assignment



No. 10140-300

Upgrades

| | |
|---|-----------|
| ENDO CUT Upgrade - ENDO CUT Q - ENDO CUT I | 29140-218 |
| TWIN COAG Upgrade - TWIN COAG - Argon TWIN COAG | 29140-216 |

VIO® 200 S

VIO electrosurgical unit for many electrosurgical procedures and for specialist medical practices with the most important CUT and COAG modes as well as FORCED APC, with optional ENDO CUT I and Q

- Direct operation using the segment display
- Automatic power adjustment for all control technologies
- Variable configuration of socket assignment



No. 10140-400

Upgrades

| | |
|--|-----------|
| ENDO CUT Upgrade - ENDO CUT Q - ENDO CUT I | 29140-218 |
|--|-----------|

Electrosurgery

Units

VIO® 100 C

VIO compact electrosurgical unit for use in surgical practice with the most important CUT and COAG modes (100 watt unit)

No. 10140-500

- Direct operation using the segment display
- Monopolar cutting
- Monopolar and bipolar coagulation



VIO® 50 C

VIO compact electrosurgical unit for use in surgical practice with the most important CUT and COAG modes (50 watt unit)

No. 10140-550

- Direct operation using the segment display
- Monopolar cutting
- Monopolar and bipolar coagulation



Electrosurgery

Socket modules for all VIO units

Bipolar sockets (BI)

| No. 20140-610 | No. 20140-612 | No. 20140-613 |
|--|--|---|
|  8/4 mm |  2Pin-22 mm (not for VIO 50 C and VIO 100 C) |  2Pin-22-28-8/4 mm |



Monopolar sockets (MO)

| No. 20140-620 | No. 20140-622 | No. 20140-623 |
|--|--|---|
|  9/5 mm (not for VIO 50 C and VIO 100 C) |  3Pin-Bovie |  3Pin-9/5 mm |

Multifunctional socket (MF) for VIO 300 D only

| No. 20140-630 | No. 20140-660 |
|---|---|
|  Multifunctional |  Blind socket Socket cover without function |

Neutral electrode sockets (NE)

| No. 20140-640 | No. 20140-641 | No. 20140-642 |
|--|--|---|
|  6 mm |  2Pin |  6 mm-2Pin |

Socket modularity

| | VIO 300 D | VIO 200 D | VIO 300 S | VIO 200 S | VIO 100 C | VIO 50 C |
|--------|------------|-----------|-----------|-----------|-----------|----------|
| Slot 1 | BI | BI | BI | BI | BI | BI |
| Slot 2 | MO, BI, MF | MO, BI | MO | MO | MO | MO |
| Slot 3 | MO, MF | MO | MO | MO | - | - |
| Slot 4 | NE | NE | NE | NE | NE | NE |

Electrosurgery

CUT and COAG modes and upgrades

CUT Modes

| | VIO 300 D | VIO 200 D | VIO 300 S | VIO 200 S | VIO 50/100 C |
|---------------------|-----------|-----------|-----------|-----------|--------------|
| AUTO CUT | ■ | ■ | ■ | ■ | ■* |
| HIGH CUT | ■ | - | ○ | - | - |
| DRY CUT | ■ | ▣ | ○ | - | ■* |
| DRY CUT° | ■ | - | ○ | - | - |
| BIPOLAR CUT | ■ | ■ | ○ | - | - |
| BIPOLAR CUT + | ■ | - | - | - | - |
| BIPOLAR CUT ++ | ■ | - | - | - | - |
| PRECISE CUT | ▣ | ▣ | - | - | - |
| BIPOLAR PRECISE CUT | ▣ | ▣ | - | - | - |
| ENDO CUT Q | ▣ | ▣ | □ | □ | - |
| ENDO CUT I | ▣ | ▣ | □ | □ | - |
| ARGON AUTO CUT | ■ | ■ | ■ | ■ | - |
| ARGON HIGH CUT | ■ | - | ○ | - | - |
| ARGON DRY CUT | ■ | ▣ | ○ | - | - |
| ARGON DRY CUT° | ■ | - | ○ | - | - |

COAG Modes

| | VIO 300 D | VIO 200 D | VIO 300 S | VIO 200 S | VIO 50/100 C |
|----------------------|-----------|-----------|-----------|-----------|--------------|
| SOFT COAG | ■ | ■ | ○ | ■ | ■* |
| SWIFT COAG | ■ | ■ | ○ | - | - |
| SWIFT COAG° | ■ | - | ○ | - | - |
| CLASSIC COAG | ■ | - | ■ | - | - |
| FORCED COAG | ■ | ■ | ○ | ■ | ■* |
| SPRAY COAG | ■ | - | ■ | - | - |
| BIPOLAR SOFT COAG | ■ | ■ | ■ | ■ | ■* |
| BIPOLAR SOFT COAG + | ■ | - | - | - | - |
| BIPOLAR SOFT COAG ++ | ■ | - | - | - | - |
| BIPOLAR FORCED COAG | ■ | ■ | - | - | - |
| PRECISE COAG | ▣ | ▣ | - | - | - |
| BIPOLAR PRECISE COAG | ▣ | ▣ | - | - | - |
| TWIN COAG | ▣ | - | □ | - | - |
| BICLAMP | ▣ | - | - | - | - |
| FORCED APC | ■ | ■ | ■ | ■ | - |
| PRECISE APC | ■ | ■ | - | - | - |
| PULSED APC | ■ | ■ | - | - | - |
| ARGON SOFT COAG | ■ | ■ | ○ | ■ | - |
| ARGON SWIFT COAG | ■ | ■ | ○ | - | - |
| ARGON SWIFT COAG° | ■ | - | ○ | - | - |
| ARGON FORCED COAG | ■ | ■ | ○ | ■ | - |
| ARGON TWIN COAG | ▣ | - | □ | - | - |

Legend:

■ included

○ depending on the version

▣ upgradeable

□ only available ex factory (must be ordered)

* modified modes,
power adjustment only