

DTE®

The choice of millions of dentists worldwide

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A New Generation of High Power Dental Diode Lasers



D-Laser **16**

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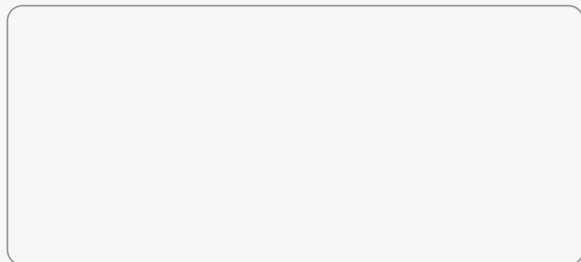
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Wide scope of application

Can be used for the fields of dental
soft tissue surgery,
endodontic sterilization,
periodontal sterilization,
peri-implantitis,
low intensity laser therapy,
oral ulcer,
and teeth whitening.

Remarkable treatment effect:

There is basically no bleeding during operation,
maximally minimizing the postoperative swelling,
reducing pain of patients,
and accelerating the recovery.



Before treatment



Under treatment

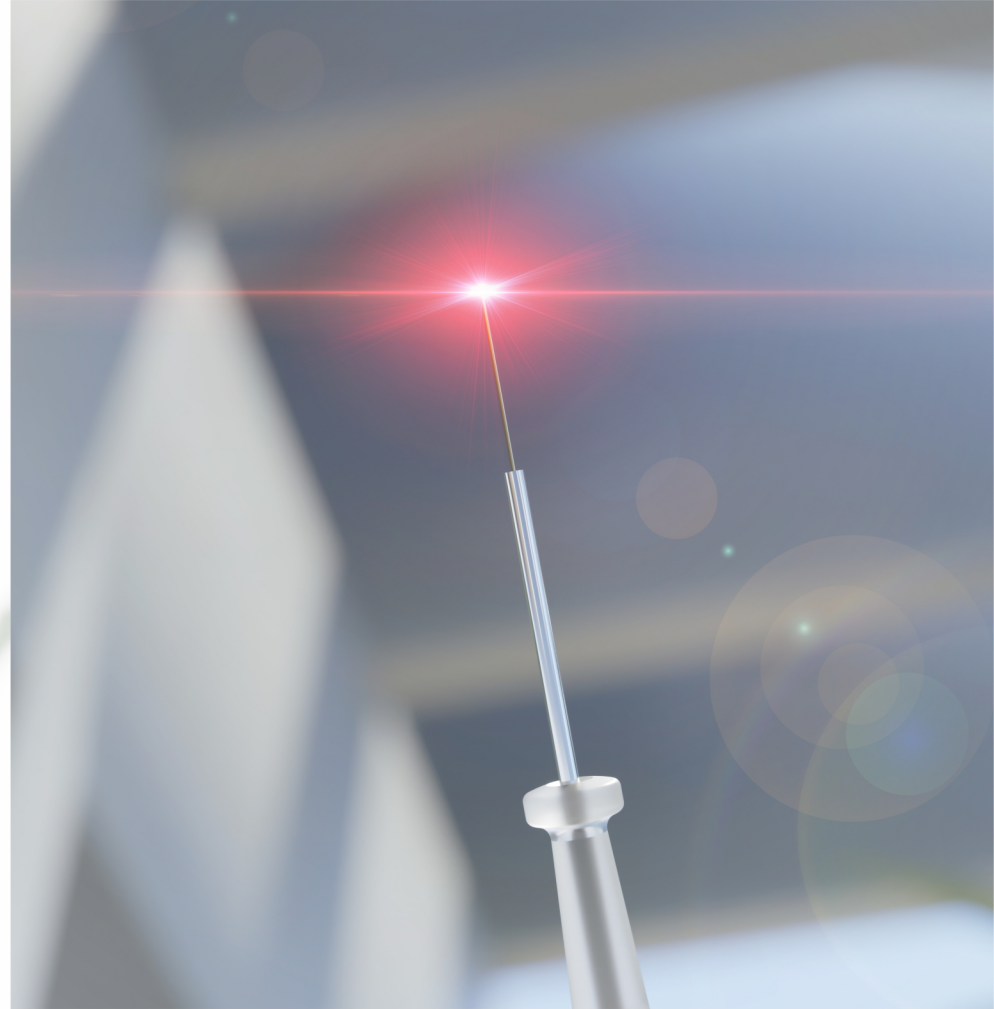


Four weeks later



Intelligent human-machine interaction

5-inch full-view capacitive touch panel with flat UI design



High Power

Up to 16W (Peak Power) laser output with wavelength of 976nm and additional 200mW laser output with wavelength of 650nm, which covers more than 20 indications.

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Effective prevention of cross-infection

The fiber-optical tips and Stainless handpiece sleeve can be autoclaved.

Large-capacity battery

11.1V 2600mAh x2 (57.7Wh) lithium battery, which can be used for one week on a single charge.





Complete accessories

Fiber-optical tips, TMJ therapy tip, whitening tip, biostimulation tip, laser protective glasses

Effective prevention

Three pairs of laser protective glasses can effectively prevent the dentist, assistant and patient from laser radiation.



Metal handle enables flexible movements.

Laser parameters

- Wavelengths & optical power:

976 \pm 20 nm : Pmax=16W

650 \pm 20 nm : Pmax=200mW

- Laser system:

976 nm: Class IV

650 nm: Class II

(according to IEC 60825-1)

- Emission modes:

CW (continuous wave), chopped 1 Hz to 20 kHz

- Aiming beam:

650 \pm 20 nm / Pmax<5mW

- Battery:

11.1V 2600mAh x2 (57.7Wh)

