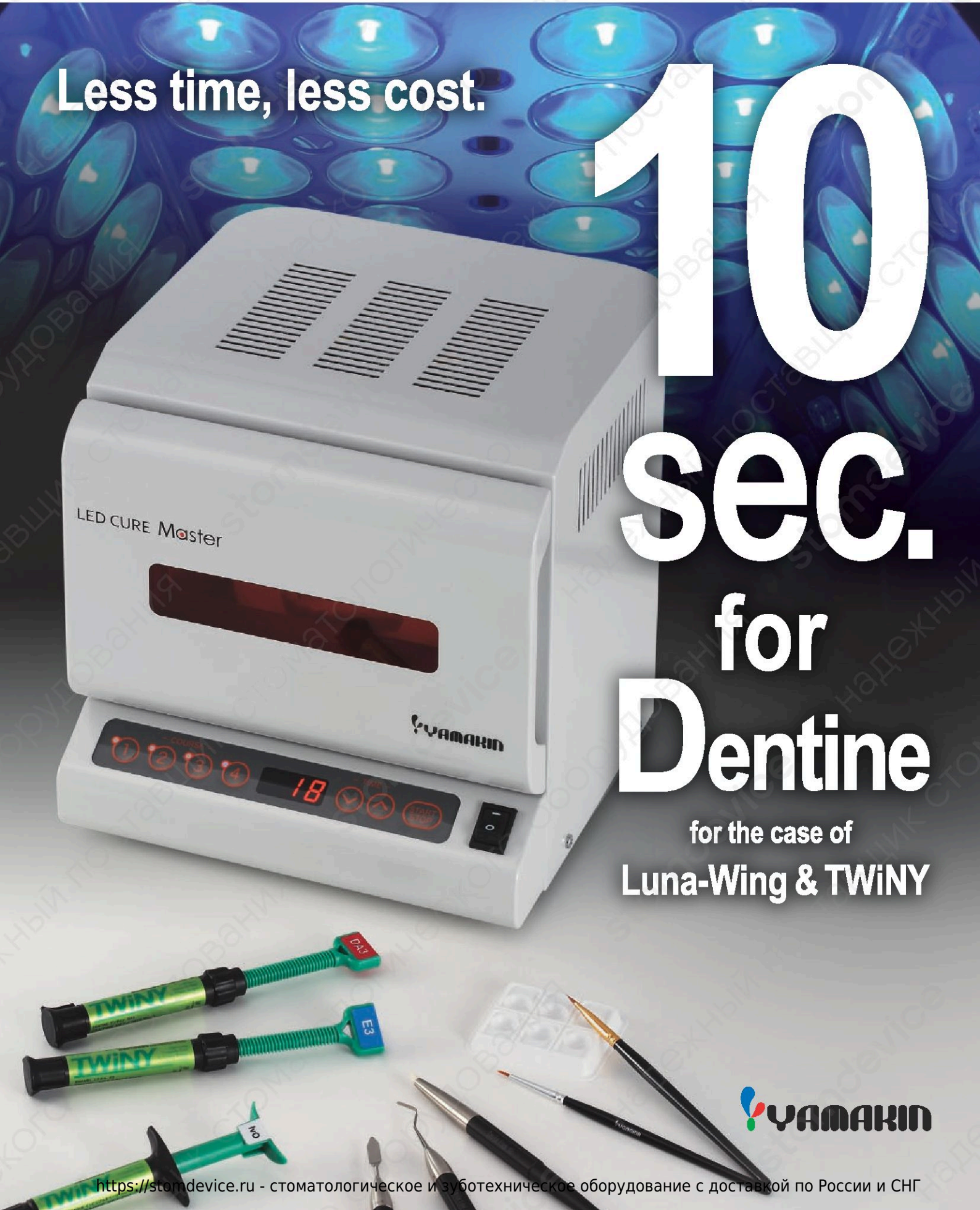
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Optimal Light-Curing of Indirect Composite Resin

LED CURE Master



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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The LED CURE Master offers heightened efficiency in dental operations

LED CURE Master

1 Reduced Costs

Long-lasting LED lamps reduce running costs and concern about lamps malfunctioning during the curing process.

2 Lower Electricity Consumption(160VA)

The electricity consumption is about 1/5 of halogen lamps*. This suits today's energy-conscious operating environment.
*Compared with Denken Brand products.

3 Shorter Curing Time

Curing composite resin, Luna-Wing and TWiNY can be cured in a much shorter time. Curing time is shortened from about 10 minutes to 2 minutes 40 seconds.
The total time required for all stages of light curing for one time each (Curing Primer Paste, Invisible Opaque, Opaque, Dentine, Enamel and Final Curing) is reduced from 660 sec. to 160 sec.

4 Stable Light Volume

Light volume does not fluctuate, thanks to the use of constant current circuit; therefore, curing can be performed evenly and stably.

5 No Heat and Less Shrinkage

Since the LED CURE Master does not emit heat waves, composite resin does not shrink or become deformed; as a result, it is suitable for precise dental operations such as building up implant superstructures.

6 Quiet Operating Noise

Since chamber temperature rises only slightly, noise from cooling fans can be reduced.



3 Curing Time for Luna-Wing and TWiNY

	LED CURE Master	conventional curing time
Primer Paste	10Sec.	90Sec.
Invisible Opaque	10Sec.	90Sec.
Opaque	30Sec.	180Sec.
Body (Dentine, Enamel, etc.)	10Sec.	60Sec.
Base	90Sec.	180Sec.
Stain	10Sec.	60Sec.
Final Light Curing	90Sec.	180Sec.

3 Operations Course Buttons for Luna-Wing and TWiNY

		Dry time	Curing time	Course Button
Primer Paste		120Sec.	10Sec.	Operate manually
Invisible Opaque		—	10Sec.	①
Opaque		—	30Sec.	②
Body (Dentine, Enamel, etc.)		—	10Sec.	①
Base		—	90Sec.	③
Stain		—	10Sec.	①
Final Light Curing	Luna-Wing	—	90Sec.	③
	TWINY	60Sec.	90Sec.	④

* The LED CURE Master can be used for curing not only composite resin, but also materials for surface treatment, such as self-adhesive glossy protective coating material.
* The curing process length can be customized in units of seconds.

Specifications

Usage environment	Temperature 5-40℃, Humidity 10-95%RH, altitude max2000m
Operating Voltage and Frequency	AC230V±10% 50Hz
Power consumption	160VA
Number of course	4 Courses
Curing time	5-995 Sec.
Drying time	5-995 Sec. (Course button 4.)
Revolutions per minute	8.3r/min(50Hz)
External dimensions	210(W)×220(H)×223(D)mm
Dimensions of chamber	135(W)×77(H)×135(D)mm
Weight	5.4 kg
Emission wavelength	375nm ~ 495nm
Quantity of LED lamps	Power LED lamp 40pcs
Accessories	Tray: 1 pc, Big Pin: 5 pcs, Small Pin: 5 pcs

The values given in these specifications are representative, and do not constitute a guarantee of performance. The maker reserves the right to modify the specifications without prior announcement for purposes of enhancing the equipment's performance.

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