



PenCure

Curing with high-powered parallel precision

 J.MORITA MFG.CORP.

Thinking ahead. Focused on life.


MORITA



Thinking ahead.



Focused on life.

A highly concentrated parallel beam consisting of ultra-bright blue LED light and a compact, well balanced design are but a few of the remarkable attributes that place the cordless curing light PenCure in a league of its own.

In a league of its own

PenCure benefits at a glance

Concentrated parallel
light beam

Equal power distribution –
even at the edges

Ultra-bright
blue LED light

Ergonomic design
small, rotating head

Extremely light, durable
and well-balanced design

Fast, consistent
polymerization

Integrated
time setting display

High-performance
lithium-ion battery





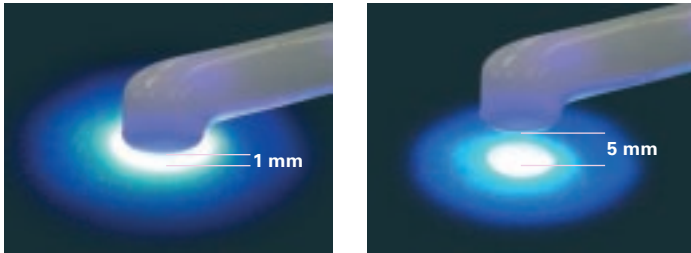
High-powered curing light in a cordless handpiece

Ideal for curing polymer resin, PenCure delivers an optimum wavelength of between 420 and 480 nm. Its powerful, 1000 mW/cm² parallel light beam is directly concentrated on the polymer material. As a result, there is less power loss, even at distance. Resin is polymerized in 10–20 seconds, bonding material in a mere 10 seconds.

Head design

PenCure utilizes state-of-the-art optical engineering technology. Combining a mirror and aspheric lens, the unique head design creates a well-defined parallel light beam.

Maintains power even at a distance

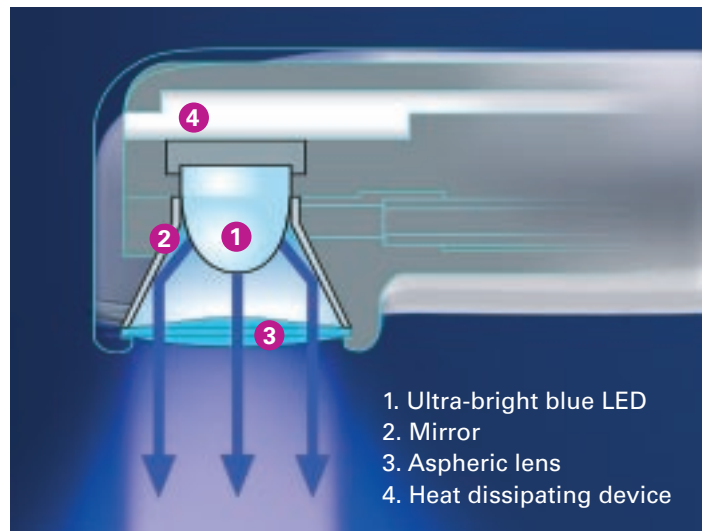


Powerful parallel light beam – even at a distance

Maintaining a consistently high level of power, PenCure achieves excellent penetration for a uniform polymerization. At a distance of 5 mm, the power level is still 79%.

Equal power distribution – even at the edges

The concentrated LED light focuses the beam evenly, which is just as powerful at the edges as at the center – thereby reducing differential shrinkage.



With its highly ergonomic design, PenCure is the tool of choice in terms of handling convenience and functional efficacy.

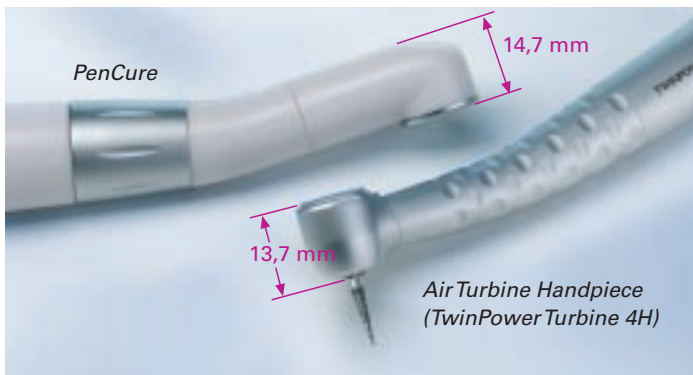
Light, compact and well balanced, PenCure brings performance and functionality into perfect harmony.



With PenCure, molar regions which are difficult to reach (e. g., distal side of tooth 7) are very easily irradiated.

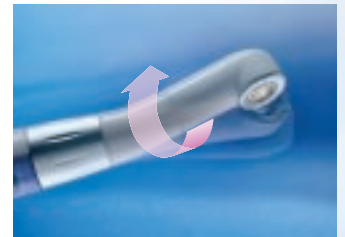
Ergonomic design

Light, compact, well balanced



Small and light head

Featuring a very small and light head, PenCure exhibits exceptional intraoral maneuverability, easily reaching the distal side of the tooth. What is more, it is the world's only curing light with a rotating head, making PenCure highly convenient to operate.



The 270 degrees rotating head makes the PenCure highly maneuverable.



Well balanced

PenCure places the center of gravity between the pointer finger and thumb.





Equipped to perform



Integrated time setting display

The handpiece of PenCure features an integrated time setting display, signaling 10, 20 and 40 second irradiation applications.

High-performance lithium-ion battery

PenCure is equipped with a rechargeable high-performance lithium-ion battery, allowing for up to approx. 100 applications by each 10 seconds operation or approx. 60 applications by each 20 seconds operation.

Quiet operation and long life span

Because the blue LED light of PenCure does not heat up, it requires no cooling fan. As a result, PenCure is exceptionally quiet and low in power consumption. Also, throughout its lengthy life span, there is almost no loss of performance.



PenCure specifications

Trade Name	PenCure
Model	VL-7
Rating (charger)	AC 100 – 240 V, 50/60 Hz
Power consumption (charger)	3.5VA
Light source	Blue LED
Effective wavelenght	420 ~ 480 nm
Light power	1000 mW/cm ²
Irradiation times	10 sec., 20 sec., 40 sec.
Battery	Lithium Ion Battery
Dimensions (mm)	
Handpiece	Head: ø 15 x H 14.7 mm Handpiece: ø 24 (max.) x L 199 mm
Weight	
Handpiece	Approx. 98 g

Components

1 handpiece,
1 battery charger,
1 VL-7 AC adapter,
1 box of 100 disposable handpiece covers
PenCure eye protector (Optional)

Thinking ahead. Focused on life.

In 1916, Junichi Morita started to import products of the leading dental equipment manufacturers into Japan, where demands for modern dentistry were growing. His venturesome attempts of supplying selected products for oral healthcare has grown steadily by receiving valuable support and guidance from the dental profession. His enterprising spirit lives through the decades, and all Morita Group Companies join in continuing to pursue marketing, distribution and services, as well as R&D and manufacturing, in collaboration with world leaders in healthcare products and research organizations.

Auxiliaries

Educational and Training Systems

Laboratory Devices

Laser Equipment

Instruments

Treatment Units

Diagnostic/Imaging Equipment

Distributed by

J. MORITA EUROPE GMBH

Justus-von-Liebig-Strasse 27A, D-63128 Dietzenbach, Germany
Tel: +49-6074-836-0, Fax: +49-6074-836-299, <http://www.jmoritaeurope.com>

Manufactured by

J. MORITA Mfg. Corp.

680 Higashihama Minami-cho, Fushimi-ku, Kyoto, 612-8533 Japan
Tel: +81-75-611-2141, Fax: +81-75-622-4595, <http://www.jmorita-mfg.com>



JMMC PUB.No. 05.04. 1,000