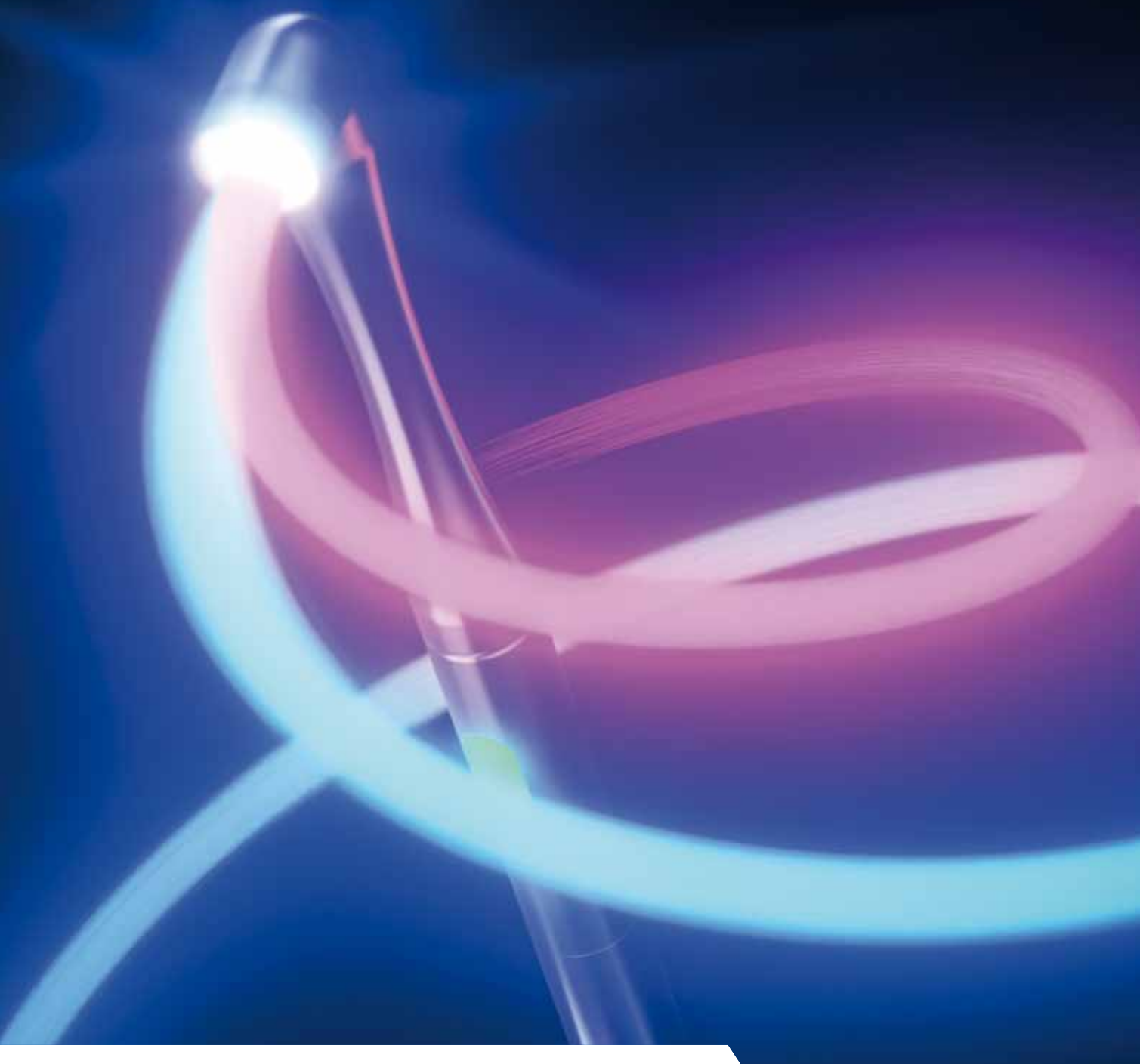




TwinWave

LED LIGHT CURING DEVICE WITH INTEGRATED
FLUORESCENCE DETECTION USING UVA LIGHT

TwinWave

POWERFUL DUAL FUNCTION

With a variety of fluorescent-on-demand products, VOCO offers a pioneering solution that increases efficiency and safety in day-to-day practice. For example, the use of UVA light makes any restoration residues that are difficult to see with the naked eye visible, allowing their precise and complete removal. Until now, this step required a separate UVA lamp – but that is no longer the case.

With the TwinWave, VOCO presents a lamp that, in addition to the reliable curing of materials, also features a UVA mode. This addition means that dental practices now require just one device for the polymerisation of dental materials and fluorescence detection using UVA light – making handling considerably more efficient.



fluorescent

Invisible in everyday life

ORTHODONTICS: ALIGNER ATTACHMENTS



AlignerFlow LC

Fluorescent composite for aligner attachments

Aligner therapies are a regular feature of the dental and orthodontic treatment spectrum, in which attachments play a role in some cases. For the fabrication of precisely formed Aligner attachments, special composites are required. With AlignerFlow LC, VOCO offers you a nano-hybrid composite with a fluorescent effect, especially designed for this purpose. Under UVA light, the attachments can be checked or any residues after removal precisely identified and removed enamel gently.

- Precise application with perfect flow
- Light-curing through the transparent template
- Stable and abrasion resistant throughout the entire treatment period

Lingual retainer



Aligner attachments



Source: Dr. Montse Galiano, UK

ORTHODONTICS: LUTING



BrackFix

Fluorescent bracket attachment system

The secure attachment of brackets is a key element of orthodontics. In addition to excellent processing when placing the brackets, it is crucial that adhesive residues are completely removed from the tooth surface after subsequent removal. The light-curing bracket attachment system BrackFix was developed precisely for this purpose: it provides a secure hold for metal and ceramic brackets, enables precise placement, and, thanks to its UVA visible fluorescence, supports the controlled removal of adhesive residues—for clean tooth surfaces and efficient treatments.

- Fluorescence detection using UVA light facilitates the complete removal of adhesive residues
- Stable positioning and secure hold of metal and ceramic brackets
- Light-curing with a large working window and immediate load-bearing capacity

Controlled and safe removal of BrackFix residues



Source: Dr. Felipe Moura, Brazil

TEMPORARIES



Clip F fluorescent

Light-curing filling material for temporary restorations

The one-component filling material for temporary restorations impresses with its user-friendliness. It is suitable for all types of temporary fillings, closures and restorations, including the onlay/inlay technique

- Under UVA light, it is easier to detect and remove even the smallest excess material and residues
- Immediately loadable and saliva-tight thanks to light curing
- Easy to remove without damaging the preparation margins, excellent packability and sculptability

Bifix Temp fluorescent

Dual-curing, temporary composite-based luting material

Bifix Temp fluorescent fits harmoniously into the temporary restoration with its tooth-like translucent shade. The aesthetics remain unchanged in natural light, and even under UVA light, the fluorescence does not show through in temporarily placed restorations.

- Easy detection and removal of even the smallest material residues under UVA light – for efficient finishing and precise fit
- Film thicknesses below 5µm for optimal fit accuracy and uncomplicated excess removal through short exposure (dual-curing)

CORE BUILD-UP



Rebilda DC fluorescent

The first dual-curing flowable core-build-up and post luting system with activatable fluorescence

Rebilda preparations have been successfully established worldwide for decades and enjoy a high level of trust in dental practices, particularly due to their dentine-like properties. A fluorescent version has been added to the existing dentin, white and blue shades, once again demonstrating VOCO's innovative character.

- **Fluoresces under UVA light**
Great visibility of excess material and build-up margins, also at deep subgingival levels
- **Easy handling**
Cuts like dentine, Flowable consistency – perfect adaption
- **Excellent aesthetic**
Dentine-coloured under natural light and therefore ideally suited for highly aesthetic restorations
- **Dual-curing**
Usable in the root canal for bonding root posts (e. g. Rebilda Post)

Core build-up with Rebilda DC fluorescent



Source: Dr. Hanke Faust, Germany

TwinWave in
original size



Light polymerisation and fluorescence detection in one device

1 Light polymerisation

Power: 1,300 mW/cm²
Press once: 10 s
Press twice: 20 s

UVA fluorescence detection

Press once: 30 seconds
Press twice: 60 seconds

2 Optimal handling with maximum stability

With a diameter of 13.5 mm and a weight of only 75 g, it is easy to handle yet extremely robust. Thanks to the 360° rotating head, every area of the oral cavity can be reached without any problems.

3 The LED indicates the mode the device is in by means of different light and flashing signals.

- **Continuous light:** Light polymerisation
- **Slow flashing:** Fluorescence detection
- **Fast flashing:** Low battery level

4 Simply switch, work precisely

A practical rotary switch not only turns the device on and off, but also allows you to conveniently select the desired mode:

- **Cure:** Light polymerisation
- **Check:** Fluorescence detection (UVA)

TwinWave

POWERFUL DUAL FUNCTION

Indications

For light-activated polymerisation of dental materials such as composites, luting cements and sealants using visible light

Detection of fluorescence of appropriate dental materials

Advantages

- **Powerful dual function:** Light polymerisation and fluorescence detection through UVA light in one device
- **High performance:** State-of-the-art LED technology with high output of 1,300 mW/cm²
- **Lightweight and handy design:** Metal housing, total weight only 75 g
- **Easy to use:** Mode (light polymerisation, fluorescence detection) can be selected using a practical rotary switch, visualisation via LED button
- **Continuously ready for use:** Long battery life and replacement battery included

Presentations

REF 9070 TwinWave
(handpiece, battery charger, power cord, 2 device bases, rubber shield, protective sleeves, protective glasses, operation instructions)

Accessories

REF 9071 TwinWave – Protective sleeves, 100 pcs.

REF 9072 TwinWave – Rubber shield, 5 pcs.

REF 9073 TwinWave – Device base



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