

UCAN MILL: PROVEN QUALITY, DIGITALLY MILLED

With UCAN Mill, Candulor presents new CAD/CAM products for milled removable dentures made of a proven material.



Article

Digital fabrication is already a reality in many dental laboratories today. However, (total) prosthetics require more than mere technology, namely decades of prosthetic expertise combined with proven materials for digital processing. With UCAN Mill, Candulor has developed a product range that combines both worlds.

The fabrication of removable dentures continues to evolve, and this includes powerful CAD systems with extensive tooth libraries – whether for milling or 3D printing. With its UCAN product range, Candulor supports this development with all its expertise. In this process, the company transfers its expertise in prosthetics to proven digital concepts.

UCAN Mill: A TCR material meets digital precision

With UCAN Mill, Candulor is expanding its portfolio to include high-quality milling materials for digital processing. The proven TCR tooth material is now available in the form of two new milling disks: TCR Mono and TCR Multi, available in nine different shades including a bleach variant.

The TCR material – the 3rd generation TwinCrossedResin – is a highly cross-linked PMMA variant. The unique advantage of the material is the cross-linking between the polymer chains. The result is impressive, displaying both good abrasion resistance and plaque resistance.

The milled tooth elements can be combined with the PhysioSet TCR and PhysioSelect TCR tooth lines due to this material analogy, thus enabling hybrid production – analog as well as digital.

“Safety plays a major role in the processing of medical devices, which is why we rely on material technologies that have already proven themselves in the market and with which our customers are satisfied for digital processing. It therefore stood to reason to develop disks made of the TCR material, so that we could also work with the PhysioSet TCR and PhysioSelect TCR tooth lines in their accustomed quality in a hybrid mode,” explains Alexander Ewert, Director of Marketing & Education at Candulor.

The XPLEX Base Disks are available for denture bases. Here, too, the material corresponds to the popular impact-modified XPLEX denture material. XPLEX Base boasts convincing enhanced physical properties, in particular a higher breaking strength compared to conventional PMMA materials. This also applies to milling work, which can be combined with the XPLEX resin, for example for repairs.

The UCAN Mill product family at a glance

- TCR Mono is a convincing tooth-colored, monochromatic disk with a consistent coloration – ideal for temporary solutions and available in the shades A1, A2, A3, A3.5, B1, B3, C2, D2, BL3.
- TCR Multi impresses with its harmonious color gradient. This results in natural esthetics without requiring subsequent characterization. TCR Multi is available in the following shades: A1, A2, A3, A3.5, B1, B3, C2, D2, BL3.
- XPLEX Base excels as a high-impact material with high breaking strength. A low discoloration tendency, minimal plaque accumulation and good polishability round off the properties. XPLEX Base is available in the shades 34 Original Pink – semi-opaque veined, 1 Soft Pink – transparent not veined, 5 Pink – transparent veined.

The CAD/CAM disks can be processed in various milling systems and emphasize the concept of flexibility: each laboratory can choose its own method – with the assurance of proven Candulor material quality. The message is quite simple: UCAN stands for You Can – as the technology is backed by genuine prosthetic expertise, motivation and the Candulor promise of quality.

UCAN Mill is currently available in the USA, Canada, Switzerland & EU.

Contact

CANDULOR AG
Boulevard Lilienthal 8
CH-8152 Glattpark (Opfikon)
Tel. +41 (0)44 805 90 00
Fax +41 (0)44 805 90 90
www.candulor.com
info@candulor.ch

About CANDULOR

CANDULOR. HIGH END ONLY.

CANDULOR stands for high-end prosthetics in the field of partial, full and implant-supported restorations. The dental company, with headquarters in Switzerland, was founded back in 1936 and offers a complete prosthetic system for dental technicians and prosthodontists. CANDULOR products are used in high-quality prosthetics that combine esthetics, design and functionality and meet the most demanding requirements for quality and individuality. With the unique SSOP training concept, CANDULOR contributes significantly to maintaining, sharing and further developing prosthetic expertise and practical know-how in the dental industry. Today, CANDULOR counts some 65 employees and operates worldwide, in part directly and in part through a network of distribution partners. For more information about CANDULOR see www.candulor.com.

Press contact

Sara Marconcini *Communication Manager*

CANDULOR AG

Boulevard Lilienthal 8 | CH-8152 Glattpark (Opfikon) | www.candulor.com
Tel. +41 (0)44 805 90 36 (direct) | E-Mail sara.marconcini@candulor.com

[Image overview]

UCAN MILL: PROVEN QUALITY, DIGITALLY MILLED



Fig. 1: Product family UCAN Mill

© CANDULOR – Reproduction/publication free of charge, subject to acknowledgement of the image source



Fig. 2: UCAN Mill XPLEX Base

© CANDULOR – Reproduction/publication free of charge, subject to acknowledgement of the image source



Fig. 3: UCAN Mill TCR Mono/TCR Multi

© CANDULOR – Reproduction/publication free of charge, subject to acknowledgement of the image source