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DIGITAL WORLD

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FLEXIBLE DIGITAL SOLUTIONS



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NOVUX® D2000

ADVANTAGES

- » Reduces handling time by 40%
- » 4 x 5 MP cameras, Blue LED Multi-line
- » Color texture scanning
- » No need for separate die scan

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NOVUX® D2000

All-in-One scanning and large interior enables dental technicians to capture both the upper and lower models, all inserted dies, and occlusion information in a single scan. The D2000 scanner can “see” around dies in the model so that there is no need, in most cases, to remove dies during scanning.

TECHNICAL INFO

- Accuracy: 5 μ m (ISO) / 8 μ m (Implant bar)
- Die scan time: 15 seconds
- Full arch scan time: 25 seconds



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NOVUX® D750**ADVANTAGES**

- » 2 x 1.3 MP cameras, Blue LED
- » Extended interior and multi-die scanning
- » Impression scanning

1 NOVUX® D750

The D750 features a new technology platform combined with a larger interior space and blue LED for reduced scan noise. The D750 is the right choice for medium-sized labs where high throughput is the key criteria for larger labs expanding their scan-stations.

TECHNICAL INFO

- Accuracy: 10 µm (ISO) / 12 µm (Implant bar)
- Single die scan time: 25 seconds
- 3 unit bridge scan time: 125 seconds



nxMill4

ADVANTAGES

- » Intelligent 4-axis technology for the processing of undercut areas
- » Highly precise and fast processing of all dry millable materials for a wide range of indications
- » The construction of the machine and components used ensure top precision and reliability
- » Minimal upkeep and servicing
- » Highly precise and durable SycoTec spindle
- » High Definition (HD) milling mode creates finely contoured fissures without reworking
- » Can be used with open CAD/CAM systems

1 NOVUX® NX MILL4

The NX Mill4 is an extremely robust and compact 4-axis dry milling unit for in-house manufacturing of 98.5 mm discs. The NX Mill4 contains 4-axis technology for the processing of undercut areas while producing highly precise and accurate restorations. This compact mill requires minimal space while maintaining maximum stability throughout the milling process. Can be integrated with the entire Novux® digital workflow or as an open CAM system for total flexibility in the dental laboratory.

MILLABLE MATERIAL

- Zirlux® and other Zirconia
- Zirlux® Acetal
- Wax
- PMMA
- PEEK
- Nano-Ceramics

TECHNICAL INFO

Dimensions D/W/H: 588 x 516 x 755 mm

Weight: 75 kg

Electrical connected value: 100-230V
50/60 Hz

Electrical fuse: T3,15A / T6,3A

Power output: 250 W

Motor speed: 60,000 rpm

Compressed air: 6 bar / 50 L/min.

Suction: prepared

Torque: 4 Ncm

Chuck diameter: 3 mm

Noise level: 60 dbA

Accuracy: <10 µm

Number of axes: 4



nx Mill5

ADVANTAGES

- » Compact wet and dry 5-axis milling machine
- » Compact design for minimum space requirements
- » Modular and upgradable with other material blank holders (e.g. for processing glass ceramic)
- » "Speed boost" milling strategies for high productivity
- » Tool holder with automatic tool changer
- » Low maintenance, very precise and extremely robust Jäger spindle
- » Automatic tool length measurement and broken tool detection
- » Can be used with open CAD/CAM systems
- » Future-proof for new indications (e.g. models, full-denture prosthetics, splints)

2 NOVUX® NX MILL5

The Novux® NX Mill5 is a 5-axis wet and dry processing machine in one unit. This full-bodied milling machine is available as a modular and upgradable system which enables dental laboratories to manufacture an array of materials while using a single machine. Contains disc/blank holders (e.g. for processing glass ceramic) and comes equipped with an automatic tool changer. The NX Mill5 can be integrated with the entire Novux® digital workflow or as an open CAM system for total flexibility in the dental laboratory.

MILLABLE MATERIAL

- Zirlux® and other Zirconia
- Zirlux® Acetal
- Wax
- Lithium Silicate
- PMMA
- PEEK
- Nano-Ceramics
- Titanium and Non-Precious Metals

TECHNICAL INFO

Dimensions D/W/H: 588 x 516 x 755 mm

Weight: 78 kg

Power output: 250 W

Motor speed: 60,000 rpm

Compressed air: 6 bar/50 L/min.

Suction: prepared

Wet processing: prepared

Torque: 4 Ncm

Chuck diameter: 3 mm

Noise level: 60 dbA

Accuracy: <10 µm

Number of axes: 5



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novux- PLUS

ADVANTAGES

- » Intuitive full color digital display
- » Simultaneous sintering of up to 80 restorations
- » Two sintering trays
- » USB port for fast transfer of program data
- » 1-year warranty

1 NOVUX® NXS-PLUS

- Programmable furnace and fully adaptable for Zirlux® Zirconia and all Zirconia materials on the market
- Simultaneous sintering of up to 80 restorations and features two sintering trays
- The firing chamber is lined with superior insulating material and the chamber opening is sealed by a smooth moving mechanical lift
- Customize your cycle with a positive and negative temperature ramp
- Single phase electrical supply for low wattage consumption

TECHNICAL INFO

Dimensions (WxHxD): 37x75x43cm
(14.5"x29.5"x17")

Weight: 60 Kg (132 lbs.)

Display screen: 5.7"

Cylindrical Firing chamber: Ø 95mm x 140 mm

Max. temperature: 1800°C (3272°F)

Max. Sintering temperature: 1650°C (3002°F)

Number of programs: 250

Temperature ramp: 1-70°C (34-158°F)

Programmable steps: 1-10

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nx M-Therm

ADVANTAGES

- » System guarantees a constant high quality of the restoration
- » Actively cools after sintering
- » Easy operation using touch-screen technology
- » Minimal shielding gas consumption
- » Perfect shielding gas flushing at the sinter framework

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NOVUX® NX M-THERM

The NX M-Therm sintering furnace is an integral part of the Novux system for processing and adapting of metal—ensuring consistent restorations. The system contains a removable sinter chamber which ensures minimal consumption of argon gas and homogeneous, distortion-free sintering of the restorations.

TECHNICAL INFO

Dimensions (DxWxH): 468 x 461 x 480 mm
 Weight: 30 kg
 Eletrical connections: V/Hz 220- 240/50-60
 Power: 3.5 kW
 Fuse (fast): 12.5 A
 Degree protection - IP20
 Thermal protection class according to DIN EN 60519-2: Class



nx3^{print}

ADVANTAGES

- » 110 x 62 mm build platform
- » Produces 20 trays in 8 hours
- » Unique Force Feedback System makes printing up to five times faster
- » DLP technology and LED lights are faster and more accurate than any other 3D printing process
- » Produces a very smooth and solid surface structure
- » Fast and easy material change when needed
- » Limited number of moving parts, resulting in precise printing

1 NOVUX® NX 3

The NX3 print was specifically developed to generate the fastest and most accurate 3D printed results in the market. The Novux® 3D printers use a unique Force Feedback System which ensures that the building platform constantly calculates traction on the layer to be polymerized and therefore achieves the optimal printing speed at all times.

The NX3 print has a platform of 110 x 62 mm. Printing with a minimum layer thickness of 35 microns, a layer thickness of 100 microns, and a speed of 10mm height enables technicians to produce **20 trays in 8 hours**.

The NX3 print saves time in the production workflow by using stable and energy-efficient LED technology to polymerize materials with pinpoint accuracy and homogenous polymerization.

TECHNICAL INFO

- Platform NX3 print: 110 x 62 mm
- Native pixel: 29 µm
- Layer thickness: 35 µm
- Max. construction height: 88 mm
- Construction speed: up to 43 mm/h
- Resolution: HD 1080 x 1920 px

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nx4^{print}

ADVANTAGES

- » 110 x 124 mm build platform
- » Produces 40 trays in 8 hours
- » Unique Force Feedback System makes printing up to five times faster
- » DLP technology and LED lights are faster and more accurate than any other 3D printing process
- » Produces a very smooth and solid surface structure
- » Fast and easy material change when needed
- » Limited number of moving parts, resulting in precise printing

2 NOVUX® NX 4

The NX4 print carries the same technology and features as the smaller NX3 Print with double the production capability. The NX4 print has a platform of 110 x 124 mm. Printing with a minimum layer thickness of 35 microns, a layer thickness of 100 microns, and a speed of 10mm height enables technicians to produce **40 trays in 8 hours** and enables laboratories to print custom trays, models, drill guides, and temporary crowns and bridges.

The NX4 print saves time in the production workflow by using stable and energy-efficient LED technology to polymerize materials with pinpoint accuracy and homogenous polymerization.

TECHNICAL INFO

- Platform NX4 print: 110 x 124 mm
- Native pixel: 29 µm
- Layer thickness: 35 µm
- Max. construction height: 88 mm
- Construction speed: up to 43 mm/h
- Resolution: HD 1080 x 1920 px



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nx3D printbox

ADVANTAGES

- » Revolutionary UV light box, suitable for post-curing 3D printing material
- » Allows technicians to easily cure multiple products at once
- » 12 UV light bulbs strategically placed inside the box ensure a quick and uniform curing cycle

1 NX 3D | PRINT BOX

The Novux® 3D Print Box is a revolutionary UV light box, suitable for post curing 3D printing materials. The Print Box is equipped with 12 UV light bulbs strategically placed to ensure the product is illuminated from all sides, which results in a quick and uniform curing cycle.

TECHNICAL INFO

Related voltage: 230 VA, 50/60Hz, 1.26A

Power consumption: 290 W

Fuse: T2.0A, AC 250 V

Dimension: W 41 x D 44 x H 38 cm

Weight: 22 kg

BETTER AND FASTER RESULTS WITH THE NOVUX® 3D PRINTER



TRAY

Zirlux® 3D Tray - Green - D
Zirlux® 3D Tray - Blue - V
Zirlux® 3D Tray - Pink - V



SURGICAL GUIDES

Zirlux® 3D Guide - D
Zirlux® 3D SG Clear - V



CAD/CAST

Zirlux® 3D Cast - D



MODELS

Zirlux® 3D Model - D
Zirlux® 3D Model - V
Zirlux® 3D Ortho Model - V



TEMPORARY CROWN & BRIDGE

Zirlux® 3D Temp - V



GINGIVA

Zirlux® 3D Gingiva - D



DENTURE RESIN

Zirlux® 3D Denture - D
Zirlux® 3D Base - V



SPLINTS

Zirlux® 3D Splint - V





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