




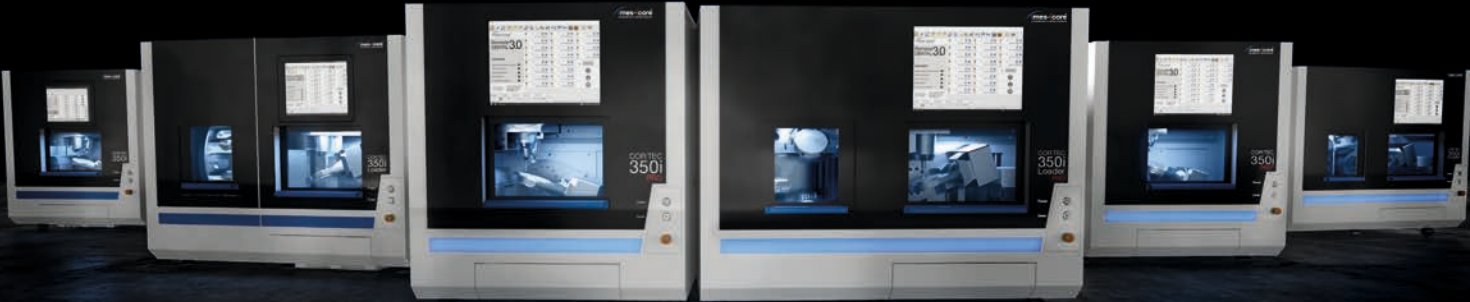


CORiTEC 350i series

The CORiTEC 350i series

WHAT ARE THE DIFFERENCES?

	COR TEC 350i		COR TEC 350i Loader		COR TEC 350i PRO		COR TEC 350i Loader PRO		COR TEC 350i PRO ⁺		COR TEC 350i Loader PRO ⁺	
Motor technology	Servo with encoder				Servo with absolute encoder							
Resolution	10.000 Inc (0.5 µm)				32.000 Inc (0.15 µm)							
Base structure	steel/aluminum				polymer concrete, steel rails							
Screen	12“ touchscreen				15“ HD touchscreen							
Housing	mat (frosted) design				shiny design, LED illumination							
Fully automatic workpiece blankchanger	manual	 12-fold		manual	 12-fold		manual	 12-fold				
Blankholder inclusive	1	6		2	8		2	8				
Absolute measurement system in all axes	-	-		✓	✓		✓	✓		✓	✓	
Spindle power	1.0 kW	1.0 kW		1.0 kW	1.0 kW		2.6 kW	2.6 kW				
Spindle bearing	two hybrid bearings								three hybrid bearings			
Collet	6 mm								6 mm (self cleaning)			
zero point clamping system	optional	✓		✓	✓		✓	✓		✓	✓	
Cooling system spindle	air cooled								water cooling system			



THE BUSINESS CLASS
of dental
CAD/CAM machines!



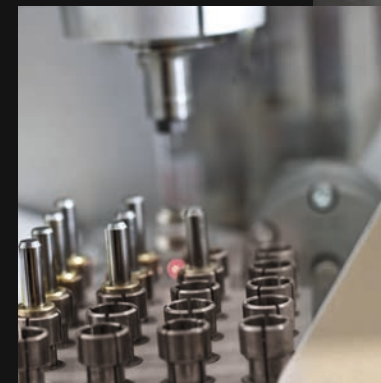
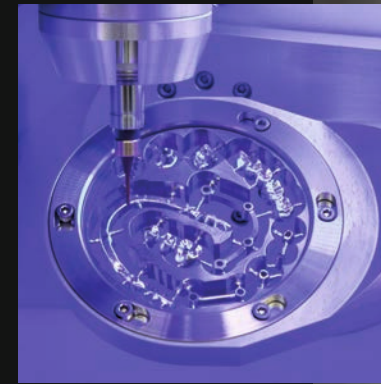
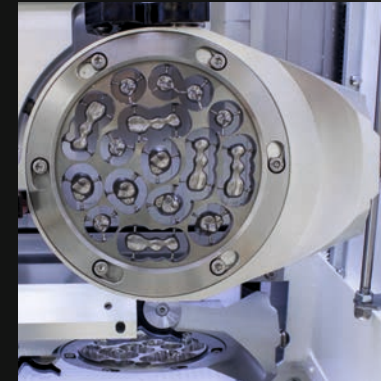
CORiTEC 350i/350i Loader

THE AUTOMATED ALL-IN-ONE SOLUTION

The CORiTEC 350i processing system is an innovative machine concept, developed to meet any requirements of modern CAD/CAM processing. The processing of all relevant blank materials of cobalt chrome, titanium, zirconium dioxide, plastics, block materials, and new future materials is thus possible with a single machine system, virtually without restrictions.

The optional zero-point clamping system of the CORiTEC 350i allows a simple blank change of the complete blank holder at the push of a button. In addition, the zero point clamping system can be used to clamp a wide range of adapter the system can be used for a variety of applications, e.g. different PreFab abutment holders, glass ceramic holders or the C-Clamp.

The CORiTEC 350i Loader with fully automated blank magazine also enables versatile machining of up to 12 blanks in unmanned operation.



WET

DRY

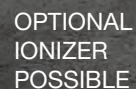
5 AX

6 mm
20x



ION

6



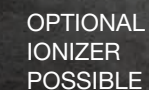
20-FOLD TOOL CHANGER

STABLE CHASSIS CONSTRUCTION

INTEGRATED
WET AND DRY
PROCESSING

INTEGRATED TEMPERATURE COMPENSATION

CORiTEC 350i Loader



FULLY AUTOMATIC
12-FOLD BLANK
CHANGER

ZERO POINT CLAMPING SYSTEM INTEGRATED

INTEGRATED
WET AND DRY
PROCESSING

AROUND THE CLOCK
24 hours production
operation

INTEGRATED TEMPERATURE COMPENSATION

CORITEC 350i **PRO** SERIES
polymer concrete
base



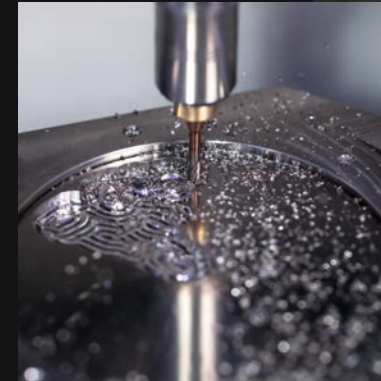
CORiTEC 350i PRO/350i Loader PRO

THE PROFESSIONAL SOLUTION FOR HIGHEST DEMANDS

The high-resolution dynamic servo motors with absolute measuring systems used in the CORiTEC 350i PRO series guarantee up to 20 % faster machining with optimum precision.

A further advantage of the PRO series is that this machine system is constructed from a one-piece machine frame made of polymer concrete and thus guarantees the highest possible stability for vibration-free machining.

The CORiTEC 350i Loader PRO with fully automated blank magazine also enables versatile machining of up to 12 blanks in unmanned operation. Due to the precise repositioning of the zero point clamping system, different PreFab abutment holders can be used.



WET

DRY

5 AX

6 mm
20x

12x

ION

optional

12x

12x

ION

optional

CORiTEC 350i PRO

ALL CAD/CAM MATERIALS
CAN BE PROCESSED

15 INCH
TOUCHSCREEN

REVOLUTIONARY
BASE STRUCTURE OF
POLYMER CONCRETE

INTEGRATED TEMPERATURE
COMPENSATION



INTEGRATED
WET AND DRY
PROCESSING

ABSOLUTE MEASURING
SYSTEM IN ALL AXES

ZERO-POINT
CLAMPING
SYSTEM
STANDARD

20-FOLD
TOOL CHANGER

PMMA	WAX
Zr	COMPOSITE
PEEK	SINT
Glass ceramics	PreFab Abutments
CoCr	Ti
Standard	C-Clamp
PreMilled Abutment	Block
Dentures	zero-point clamping system
Crowns, Bridges	Hybrid Abutment
Inlay, Onlay, Veneer	Splint
Full Denture	Drilling template
Model	Model casting
Bridge	Abutments
Telescopic technology	Hybrid machining

CORiTEC 350i Loader PRO

FULLY AUTOMATIC
12-FOLD BLANK CHANGER

USE OF DIFFERENT ADAPTER SYSTEMS
e.g. prefabricated abutments or block materials

INTEGRATED
WET AND DRY
PROCESSING

AROUND THE CLOCK
24 hours of production

ZERO POINT
CLAMPING
SYSTEM

OPTIONAL
IONIZER
POSSIBLE



NEW, HIGH-DYNAMIC SERVO DRIVES
for up to 20 % quicker processing

INTEGRATED
TEMPERATURE
COMPENSATION

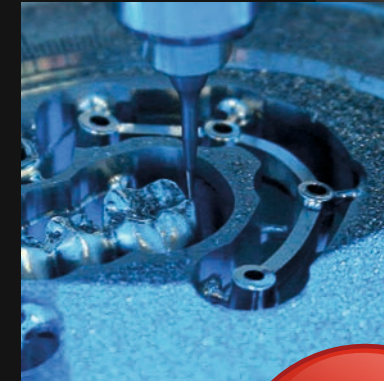
CORiTEC 350i **PRO⁺** / 350i Loader **PRO⁺**

THE PLUS OF PERFORMANCE AND PRECISION

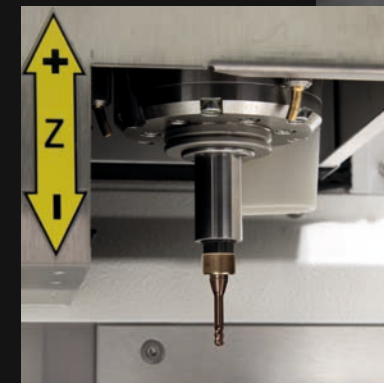
As already implemented in the CORiTEC 350i **PRO**, the CORiTEC 350i **PRO⁺** series also comes with high-resolution dynamic servo motors and absolute measuring systems. To use this advanced technology and to be able to fully exploit its full potential, the CORiTEC 350i **PRO⁺** is equipped with a water-cooled, powerful 2.6 kW spindle with 3-fold hybrid ball bearing (water-cooled). Reaching the stability and reducing vibrations is given by the massive stainless steel blank holders.

The water cooling ensures a constant temperature of the milling spindle, so thermal expansion of the milling spindle is significantly minimized and enables even more precise milling results.

The CORiTEC 350i Loader **PRO⁺** with fully automated blank magazine also enables the versatile machining of up to 12 blanks in unmanned operation.



Zero-point
clamping system
for stainless
steel blank holder



CORiTEC 350i PRO⁺



HIGH-RESOLUTION DYNAMIC
SERVO MOTORS
with absolute measuring system

INTEGRATED
WET AND DRY
PROCESSING

20-FOLD
TOOL CHANGER

OPTIONAL
IONIZER
POSSIBLE



STAINLESS STEEL BLANK HOLDER

INTEGRATED
TEMPERATURE
COMPENSATION

PMMA	WAX
Zr	COMPOSITE
PEEK	SINT
Glass ceramics	PreFab Abutments
CoCr	Ti
Standard	C-Clamp
PreMilled Abutment	Block
Dentures	zero-point clamping system
Crowns, Bridges	Hybrid Abutment
Inlay, Onlay, Veneer	Splint
Full Denture	Drilling template
Model	Model casting
Bridge	Abutments
Telescopic technology	Hybrid machining

CORiTEC 350i Loader PRO⁺

STAINLESS STEEL
BLANK HOLDER

OPTIONAL IONIZER
POSSIBLE

INTEGRATED
WET AND DRY
PROCESSING

AROUND THE CLOCK
24 hours of production



OPTIONAL
IONIZER
POSSIBLE

NEW, HIGH-DYNAMIC SERVO DRIVES
for up to 20 % quicker processing

INTEGRATED
TEMPERATURE
COMPENSATION

Applications & holder

HALF-OPEN BLANK HOLDER (C-CLAMP)

- enables 5-axis machining up to 90 degrees axis adjustment
- extension of the technical possibilities of your milling machine
- end face machining



MANUFACTURE OF DENTAL PROSTHESES

- Baltic Denture from Merz Dental
- Dentsply Sirona Dentures



PREFABRICATED ABUTMENTS

- short production times
- production of abutments in very simple processes
- high accuracy of fit due to prefabricated implant interface

DESS
Abutmentholder



NT-Preform® Abutment
(nt-trading)



PreFace® Abutment
(Medentika)



THERAPEUTIC SPLINTS

- bite splints, bleaching splints
- snoring splints, aligners
- simple and high-quality implementation in CAD/CAM processes



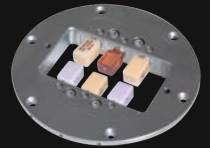
HYBRID MACHINING - SINTERING AND MILLING*

- milling post-processing of finished restorations using the SLM method
- high precision milling combined with low-cost SLM process
- compatible with most SLM systems



GRINDING OF CAD/CAM BLOCKS

- new 6-fold adapter enables effective production
- exchangeable strips for different adapter systems
- crowns, onlays, inlays, veneers, bridge frameworks, etc.



IMPLANT-SUPPORTED BRIDGES AND BARS / ONE-PIECE ABUTMENTS*

- highest fitting accuracy due to new CAM technologies (ReFit)
- stress-free fit even with larger spans
- easy production due to high degree of automation with coordinated CAM software



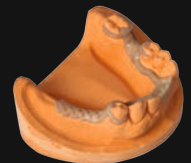
BIOHPP ELEGANCE PREFABS

- individual hybrid abutment on PEEK basis
- BioHPP for permanent dentures, free of metal, oxide and monomer
- homogeneous combination of titanium and BioHPP



MILLING OF MODEL CASTS

- production in combustible materials, PEEK or directly in CoCr
- allergy-free and lightweight model casting when using PEEK
- cost-efficient



MILLED IMPLANT MODELS

- DIM (Digital Implant Model) from nt-trading
- precisely positionable
- 2-part implant analog



MODEL MILLING BAUMANN SYSTEM

- model fabrication in CAD/CAM process
- high reproducibility and precision
- model fabrication with digital impression by intraoral scanner



only for CORTEC 350i PRO in preparation

T1/T6 - 3.0 | 6.0 mm
radius milling tool short (l = 15 mm)

T1	Ti
T6	CoCr

3,0 mm Ø 6 mm

up to 15 mm

Blades

Art.-No. 526029 3006

T11 - 2.5 | 6.0 mm
radius milling tool (single blade, slide coated)

PMMA
T11 WAX
PEEK

2,5 mm Ø 6 mm

up to 25 mm

Blade

Art.-No. 526004 2506

T14/T41/T51 - 1.0 | 6.0 mm
radius milling tool (diamond coated)

T14 Zr
T41 SINT
T51 COMP

1,0 mm Ø 6 mm

up to 25 mm

Blades

Art.-No. 526013 1006

T19 - 0.5 | 6.0 mm
shaft milling tool (l = 4 mm)

UNIVERSAL
T19

0,5 mm Ø 6 mm

up to 15 mm

Blades

Art.-No. 526001 0506

T2/T7 - 2.0 | 6.0 mm
radius milling tool short (l = 12 mm)

T2 Ti
T7 CoCr

2,0 mm Ø 6 mm

up to 15 mm

Blades

Art.-No. 526029 2006

T11/T13 - 2.5 | 6.0 mm
radius milling tool

PMMA
T11 WAX
T13 Zr

2,5 mm Ø 6 mm

up to 25 mm

Blades

Art.-No. 526019 2506

T15/T42/T52 - 0.6 | 6.0 mm
radius milling tool (conical)

PMMA
T15 WAX
T42 SINT
T52 COMP

0,6 mm Ø 6 mm

up to 25 mm

Blades

Art.-No. 526019 0606

T20 - 0.6 | 6.0 mm
radius milling tool (conical)

Ti
T20 CoCr

0,6 mm Ø 6 mm

up to 15 mm

Blades

Art.-No. 526003 0606

T3/T8 - 1.5 | 6.0 mm
radius milling tool short (l = 12 mm)

T3 Ti
T8 CoCr

1,5 mm Ø 6 mm

up to 15 mm

Blades

Art.-No. 526029 1506

T12 - 1.0 | 6.0 mm
radius milling tool (single blade, slide coated)

PMMA
T12 WAX
PEEK

1,0 mm Ø 6 mm

up to 25 mm

Blade

Art.-No. 526004 1006

T16 - 1.5 | 6.0 mm
radius milling tool long (l = 15 mm)

PMMA
T16 WAX
PEEK

1,5 mm Ø 6 mm

up to 25 mm

Blades

Art.-No. 526019 1506

T21 - 2.5 | 6.0 mm
radius milling tool (diamond)

glass ceramics
T21

2,5 mm Ø 6 mm

up to 15 mm

Blades

Art.-No. 526005 2506

T4/T9 - 1.0 | 6.0 mm
radius milling tool short (l = 9 mm)

T4 Ti
T9 CoCr

1,0 mm Ø 6 mm

up to 15 mm

Blades

Art.-No. 526029 1006

T12/T14 - 1.0 | 6.0 mm
radius milling tool

PMMA
T12 WAX
T14 Zr

1,0 mm Ø 6 mm

up to 25 mm

Blades

Art.-No. 526019 1006

T17 - 1.5 | 6.0 mm
shaft milling tool (l = 15 mm)

PMMA
T17 WAX
Zr

1,5 mm Ø 6 mm

up to 25 mm

Blades

Art.-No. 526001 1506

T22 - 1.0 | 6.0 mm
radius milling tool (diamond)

glass ceramics
T22

1,0 mm Ø 6 mm

up to 15 mm

Blades

Art.-No. 526005 1006

T5/T10 - 1.5 | 6.0 mm
shaft milling tool short (l = 12 mm, four blades)

T5 Ti
T10 CoCr

1,5 mm Ø 6 mm

up to 15 mm

Blades

Art.-No. 526002 1506

T13/T40/T50 - 2.5 | 6.0 mm
radius milling tool (diamond coated)

T13 Zr
T40 SINT
T50 COMP

2,5 mm Ø 6 mm

up to 25 mm

Blades

Art.-No. 526013 2506

T18 - 0.5 | 6.0 mm
radius milling tool (l = 4 mm)

UNIVERSAL
T18

0,5 mm Ø 6 mm

up to 15 mm

Blades

Art.-No. 526026 0506

T23 - 0.6 | 6.0 mm
radius milling tool (conical, diamond)

glass ceramics
T23

0,6 mm Ø 6 mm

up to 15 mm

Blades

Art.-No. 526005 0606

T26 - 3.0 | 6.0 mm
radius milling tool long (l = 20 mm)

Ti
CoCr

3,0 mm Ø 6 mm

16 - 20 mm
Blades

Art.-No. 526030 3006

T32 - 0.6 | 6.0 mm
radius milling tool long (l = 12 mm)

PMMA
WAX
Zr

0,6 mm Ø 6 mm

up to 25 mm
Blades

Art.-No. 526012 0606

T62 - 2.0 | 6.0 mm
torus milling tool (r = 0,2 mm, l = 16 mm, four blades)

Ti
CoCr

2,0 mm Ø 6 mm

up to 15 mm
Blades

Art.-No. 526025 2006

T80 - 2.5 | 6.0 mm
drilling tool (l = 22 mm)

Ti
CoCr

2,5 mm Ø 6 mm

up to 20 mm
Drill

Art.-No. 526023 2506

T27 - 2.0 | 6.0 mm
radius milling tool long (l = 16 mm)

Ti
CoCr

2,0 mm Ø 6 mm

16 - 20 mm
Blades

Art.-No. 526030 2006

T33/ T43/ T53 - 0.3 | 6.0 mm
radius milling tool (conical)

PMMA
WAX
Zr
SINT
COMP

0,3 mm Ø 6 mm

up to 25 mm
Blades

Art.-No. 526019 0306

T63 - 1.5 | 6.0 mm
torus milling tool (r = 0,08 mm, l = 7 mm, two blades)

Ti
CoCr

1,5 mm Ø 6 mm

up to 15 mm
Blades

Art.-No. 526025 1506

T81 - 1.5 | 6.0 mm
drilling tool (l = 18 mm)

Ti
CoCr

1,5 mm Ø 6 mm

up to 20 mm
Drill

Art.-No. 526023 1506

T28 - 1.5 | 6.0 mm
radius milling tool long (l = 15 mm)

Ti
CoCr

1,5 mm Ø 6 mm

up to 25 mm
Blades

Art.-No. 526030 1506

T34 - 3.0 | 6.0 mm
radius milling tool long (l = 27 mm)

PMMA
WAX

3,0 mm Ø 6 mm

up to 30 mm
Blades

Art.-No. 526012 3006

T64 - 1.5 | 6.0 mm
torus milling tool (r = 0,08 mm, l = 15 mm, two blades)

Ti
CoCr

1,5 mm Ø 6 mm

up to 15 mm
Blades

Art.-No. 526028 1506

T98 - 2.5 | 6.0 mm
shaft milling tool (l = 20 mm, three blades)

CALIBR.

2,5 mm Ø 6 mm

Blades

Art.-No. 526024 2506

T29 - 1.0 | 6.0 mm
radius milling tool long (l = 11 mm)

Ti
CoCr

1,0 mm Ø 6 mm

16 - 20 mm
Blades

Art.-No. 526030 1006

T35 - 2.0 | 6.0 mm
radius milling tool long (l = 20 mm)

PMMA
WAX

2,0 mm Ø 6 mm

up to 30 mm
Blades

Art.-No. 526012 2006

T67 - 2.0 | 6.0 mm
shaft milling tool short (l = 7 mm, four blades)

Ti
CoCr

2,0 mm Ø 6 mm

up to 15 mm
Blades

Art.-No. 526002 2006

T30 - 4.0 | 6.0 mm
shaft milling tool long (l = 32 mm, single blade, slide coated)

PMMA
WAX
PEEK

4,0 mm Ø 6 mm

up to 30 mm
Blade

Art.-No. 526012 4006

T61 - 3.0 | 6.0 mm
Quattro speed milling tool (l = 15 mm)

CoCr

3,0 mm Ø 6 mm

up to 15 mm
Blades

Art.-No. 526025 3006

T68 - 1.5 | 6.0 mm
shaft milling tool long (l = 15 mm, four blades)

UNIVERSAL

1,5 mm Ø 6 mm

16 - 20 mm
Blades

Art.-No. 526021 1506

CORiTEC Materials

CORiTEC ZR (ZIRCONIUM DIOXIDE)

Covers all indications for dental restorations of up to 16 units.
Ideally suited for monolithic restorations.

- highly translucent zirconium dioxide for natural esthetics
- increased strength compared to lithium dioxide

Zr ht+ Disc
(highly translucent)



Zr Disc



Zr transpa Disc



Zr transpa Disc
(pre-colored translucent)



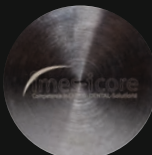
CORiTEC ZR (ZIRCONIUM DIOXIDE)

- single crowns
- single cap
- bridges up to 16 units, full bridges, and PFM technology
- good mechanical properties
- good milling properties
- corrosion resistant

CoCr Disc
(non-precious alloy)



CoCr Mo Disc
(non-precious alloy)



Ti Disc
(Grad 2, Grad 4, Grad 5)



CORiTEC MODEL DISC IVORY

- blank for the production of dental models
- low-cost material
- also suitable for test purposes or for milling calibration bodies



JUVORA PEEK (POLYETHERETHERKETONE)

- clamp-retained constructions
- Juvora PEEK in its basic colour (brown-beige)
- highest biological compatibility



CORiTEC WAX DISC (WAX, GRAY)

CORiTEC Wax Disc is not suitable for intraoral application.
After milling, the material can be used as lost wax.
Moulds can be used in casting technology.
It can be milled easily and combusted residue-free.



CORiTEC PMMA (POLYMETHYL METHACRYLATE)

- bite guards, therapeutic splints, drilling templates, bite regulators
- very good mechanical properties
- aesthetic shade effect due to high translucency
- good milling behaviour

PMMA Splint Disc



PMMA Disc



Scanner

COMPATIBLE WITH **exocad**

CORiTEC i3Dscan eco

- all-round carefree package for newcomers or small laboratories
- simple, fast, low-priced
- very compact design



CORiTEC i3Dscan color

- the object to be scanned is automatically guided into the measuring field
- modern touch control design
- the 180-degree opening offers a large working area



CORiTEC i3Dscan color HR

- enormously high scanning efficiency and precision (4 µm)
- Color Texture scan
- Blue-Light LED & High resolution camera (2.8 MP)
- all modules included in the scope of delivery

CAM software

CORiTEC iCAM V5

- all strategies optimized for 5-axis simultaneous machining
- automatic exchange of implant connections (ReFit option)
- no annual license fees
- fully automatic and easy operation with “Wizard Workflow”



Machine tables

The undercounters, specially developed for the needs of the various machine types, impress with their sturdy design as well as their attractive appearance. The machine tables have sufficient floor space. Stable rollers ensure optimum stability and easy movement of the devices. Drawers, cable ducts and a cabinet for the integration of appropriate extraction systems are already provided.

Machine Table T1	Machine Table T2
30.3 x 36.6 x 31.1 inch 770 x 930 x 790 mm W x H x D	41.7 x 36.6 x 31.1 inch 1060 x 930 x 790 mm W x H x D
CORiTEC 350i CORiTEC 350i PRO CORiTEC 350i PRO+	CORiTEC 350i Loader CORiTEC 350i Loader PRO CORiTEC 350i Loader PRO+

MACHINE TABLE T1



MACHINE TABLE T2



Suction systems

	iVAC eco+	iVAC silent PRO	iVAC PRO+
Volume flow	260m³/hr	240 m³/hr	280m³/hr
Output	1200 W	1610 W	1200 W
Filter system	dust drawer, HEPA filter	Teflon filter cartridge, automatic cleaning feature	Teflon filter cartridge, automatic cleaning feature
Filter volume	25 liters/94.63 gpm	8 liters/30.28 gpm	15 liters/56.78 gpm
W x D x H	7.3 x 18.1 x 29.5 inch 440 x 460 x 750 mm	10.6 x 21.2 x 21.1 inch 270 x 540 x 535 mm	13.7 x 13.7 x 39.3 inch 350 x 350 x 1000 mm
Supply voltage	115 V/230 V	115 V/230 V	115 V/230 V



Sintering Furnaces

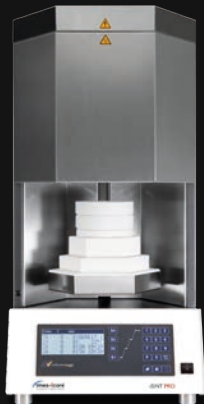
iSINT eco

The **iSINT eco** stands for economy and offers high-quality technology, matching accessories for high standards at a fair price. Compact and with a small footprint, the **iSINT eco** sintering oven still has sufficient capacity for a sintering bowl Ø 100 mm for approx. 25 units. The door stop can be mounted right and left.



iSINT PRO

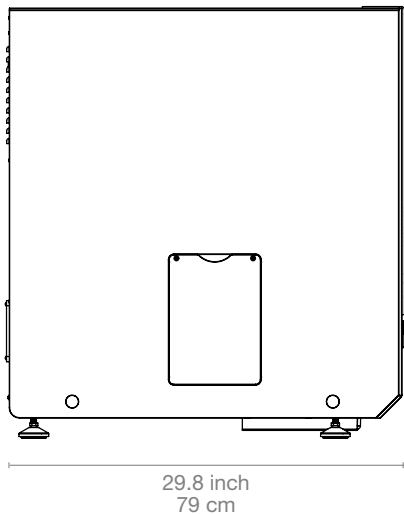
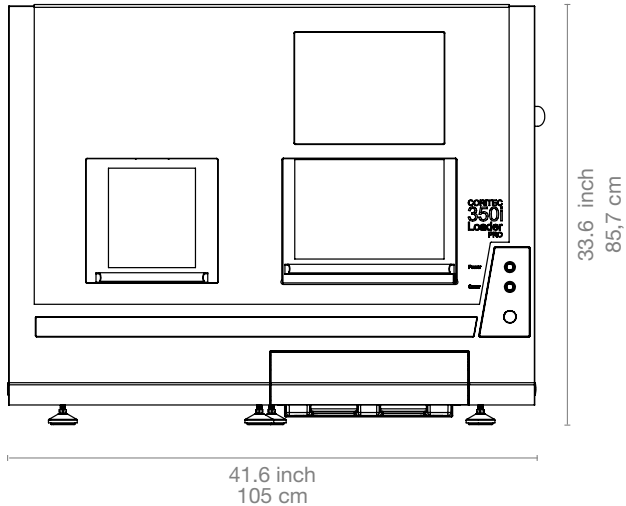
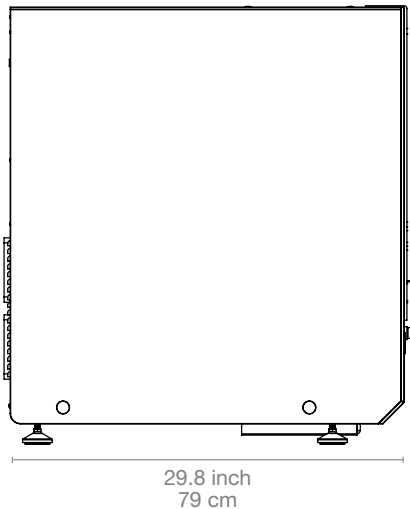
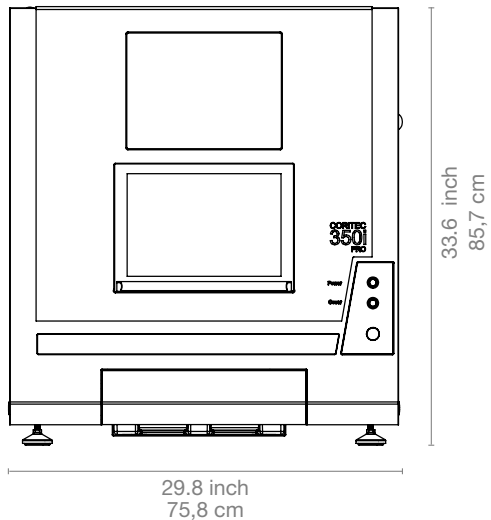
A larger sintering capacity of up to 80 single crowns is offered by the new **iSINT PRO**. With a heating system with four high-quality molybdenum disilicide (MoSi₂) heating elements, you can choose between conventional long-term sintering or SPEED sintering at a rate of up to 99 °C/min/ 210.20 °F/min. The **iSINT PRO** is controlled by a simple and convenient program control. The programs are displayed on a 4-line LCD display. A timer function for overnight sintering or the use of pre-drying programs for shaded zirconium restorations offer further options. In addition, three service programs are available for easy maintenance of the sinter furnace.



	iSINT eco	iSINT PRO
Number of heating elements	4	4
Display	7-Segment	4-line LCD
Number of program memories	9	30
Combustion chamber capacity	1 x 100	2 x 120
max. heating rate	30 °C/min / 86 °F/min	99 °C/min / 210.20 °F/min
Power in W	1300	3200
Lift function	No	Yes
Speedsintering	No	Yes

Dimensions

CORiTEC 350i series



CORiTEC 350i series in numbers

	CORiTEC 350i	CORiTEC 350i Loader	CORiTEC 350i PRO	CORiTEC 350i Loader PRO	CORiTEC 350i PRO ⁺	CORiTEC 350i Loader PRO ⁺
mechanics / electronics						
base structure	steel/aluminum	steel/aluminum	polymer concrete	polymer concrete	polymer concrete	polymer concrete
number of axes and operation type	5 axes, simultaneous machining	5 axes, simultaneous machining	5 axes, simultaneous machining	5 axes, simultaneous machining	5 axes, simultaneous machining	5 axes, simultaneous machining
rotation angle	A-axis 360°, B-axis 115°	A-axis 360°, B-axis 115°	A-axis 360°, B-axis 115°	A-axis 360°, B-axis 115°	A-axis 360°, B-axis 115°	A-axis 360°, B-axis 115°
spindle	high-frequency spindle	high-frequency spindle	high-frequency spindle	high-frequency spindle	high-frequency spindle	high-frequency spindle
maximum spindle speed / spindle power	60.000 rpm 1.0 kW	60.000 rpm 1.0 kW	60.000 rpm 1.0 kW	60.000 rpm 1.0 kW	60.000 rpm 2.6 kW	60.000 rpm 2.6 kW
spindle cooling	air cooled	air cooled	air cooled	air cooled	water cooled	water cooled
zero point clamping system	optional	Yes	Yes	Yes	Yes	Yes
blankchanger	-	up to 12 blanks	-	up to 12 blanks	-	up to 12 blanks with stainless steel holder
tools	milling and grinding tools with 6 mm shaft	milling and grinding tools with 6 mm shaft	milling and grinding tools with 6 mm shaft	milling and grinding tools with 6 mm shaft	milling and grinding tools with 6 mm shaft	milling and grinding tools with 6 mm shaft
tool changer	20-times	20-times	20-times	20-times	20-times	20-times
tool length control	≤ 0.002 mm precision	≤ 0.002 mm precision	≤ 0.002 mm precision	≤ 0.002 mm precision	≤ 0.002 mm precision	≤ 0,002 mm precision
integrated PC	Windows based	Windows based	Windows based	Windows based	Windows based	Windows based
monitor	integrated 12" touchscreen	integrated 12" touchscreen	integrated 15" touchscreen	integrated 15" touchscreen	integrated 15" touchscreen	integrated 15" touchscreen
illumination	3 LED status colors / LED illumination	3 LED status colors / LED illumination	3 LED status colors / LED illumination	3 LED status colors / LED illumination	3 LED status colors / LED illumination	3 LED status colors / LED illumination
software	Remote DENTAL 3.0	Remote DENTAL 3.0	Remote DENTAL 3.0	Remote DENTAL 3.0	Remote DENTAL 3.0	Remote DENTAL 3.0
air pressure	6.5 - 9 bar/94.27 - 130.53 PSI constantly supply, 80 liters/min/302.80 gpm/min	6.5 - 9 bar/94.27 - 130.53 PSI constantly supply, 80 liters/min/302.80 gpm/min	6.5 - 9 bar/94.27 - 130.53 PSI constantly supply, 80 liters/min/302.80 gpm/min	6.5 - 9 bar/94.27 - 130.53 PSI constantly supply, 80 liters/min/302.80 gpm/min	6.5 - 9 bar/94.27 - 130.53 PSI constantly supply, 80 liters/min/302.80 gpm/min	6.5 - 9 bar/94.27 - 130.53 PSI constantly supply, 80 liters/min/302.80 gpm/min
cooling liquid	4.8 liters/18.17 gpm integrated	4.8 liters/18.17 gpm integrated	4.8 liters/18.17 gpm integrated	4.8 liters/18.17 gpm integrated	4.8 liters/18.17 gpm integrated	4.8 liters/18.17 gpm integrated
connecting requirements						
weight	180 kg / 396.90 lbs	225 kg / 496.13 lbs	205 kg / 452.03 lbs	250 kg / 551.25 lbs	210 kg / 463.05 lbs	255 kg / 562.27 lbs
width x depth x height	29.8 x 31.1 x 33.7 inch 758 x 790 x 857 mm	46.6 x 31.1 x 33.7 inch 1058 x 790 x 857 mm	29.8 x 31.1 x 33.7 inch 758 x 790 x 857 mm	46.6 x 31.1 x 33.7 inch 1058 x 790 x 857 mm	29.8 x 31.1 x 33.7 inch 758 x 790 x 857 mm	46.6 x 31.1 x 33.7 inch 1058 x 790 x 857 mm
line voltage / frequency	100 V - 240 V / 50/60 Hz	100 V - 240 V / 50/60 Hz	100 V - 240 V / 50/60 Hz	100 V - 240 V / 50/60 Hz	110 V - 50/60 Hz 230 V - 50/60 Hz	110 V - 50/60 Hz 230 V - 50/60 Hz

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