Veltz 3D

Professional Digital Dentistry
DLP 3D Printer for Dental

D2

Distinct Advantage

" Qualified Accuracy and Repeatability "

Dental Prosthesis Analysis Report

Various Inspection System for Calibration
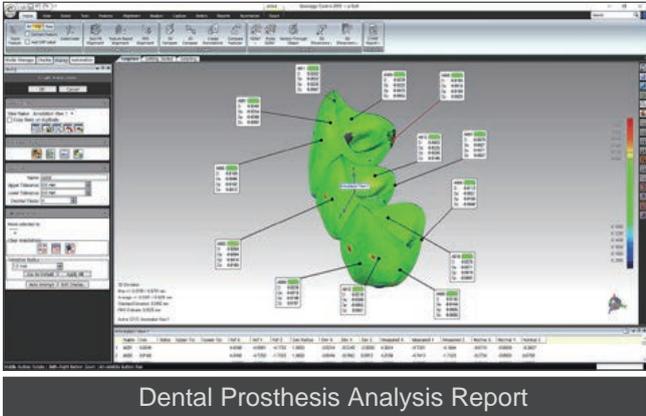
D2 is manufactured using digital calibration systems, all of which are individually manufactured to ensure the highest level of accuracy.

Outstanding Features

Wide open door system for convenient works

High accuracy and reliable actuator applied (error correction system inside)

Ergonomics Interface

Aspherical Optic System with uniformed light energy

Storage for protecting tray from dust and light

Veltz

https://stomshop.pro
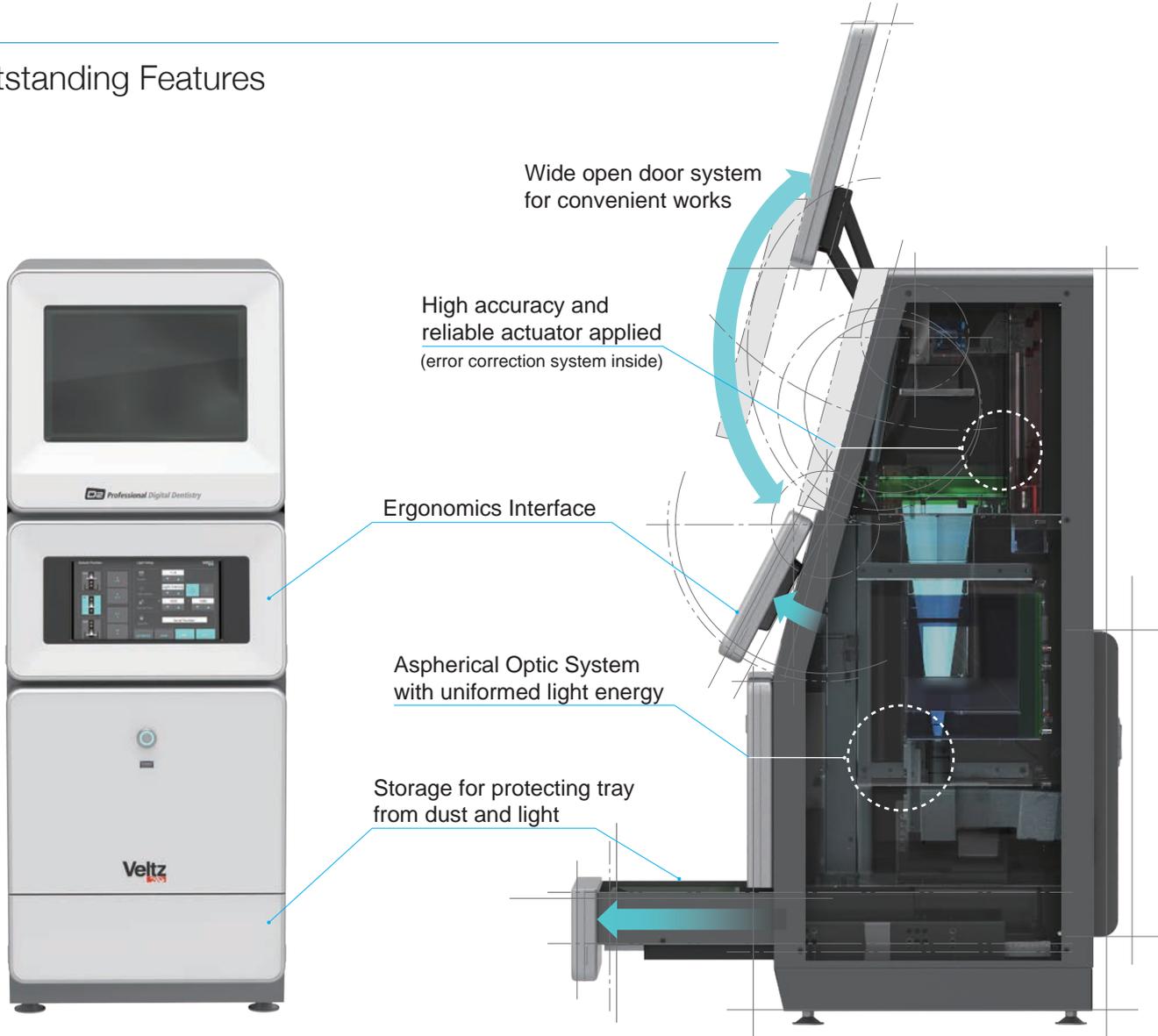
Material & Application

Working Model for Digital Impression
(DM-1)^{gray}

Layer thickness : 100μm
(Printing time : 1.5hr.)

Refer to margin line

Temporary (DT-1)

A3

A2

Layer thickness : 50μm
(Printing time : 1hr 40min)

Cast Pattern (DC-1)

Full arch casting

Layer thickness : 50μm
(Printing time : 1hr 10min)
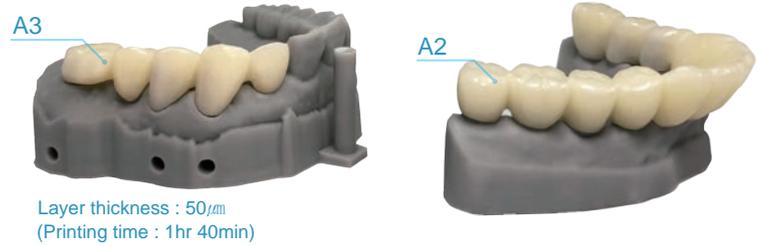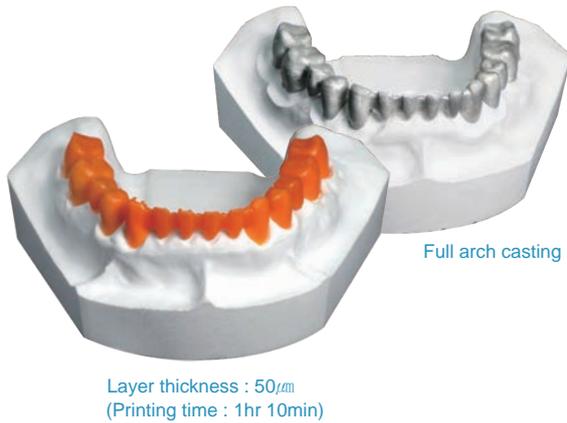
Set-up Model for Clear Aligner
(DM-1)^{yellow}

Layer thickness : 100μm
(Printing time : 40min / horizental orientation)
(Printing time : 2hrs 30min / vertical orientation on D2-150)

Denture Base (DD-1)

Splint for Anti-snoring guide
(DS-1)

Layer thickness : 100μm
(Printing time : 2hrs 30min)

Implant Guide (DG-1)

Layer thickness : 100μm
(Printing time : 1hr)
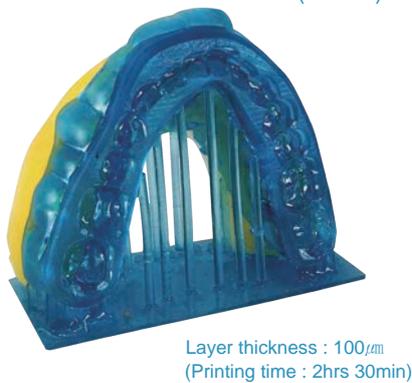
※ All these dental prostheses were printed on a D2 using materials developed by Veltz3D.

D2 Specifications

| Specification	D2-120	D2-150
Layer thickness	25 ~ 100 μm	
Build size	120(W) X 67.5(D) X 100(H) [mm]	150(W) X 84.3(D) X 100(H) [mm]
Printing speed	Up to 25mm/h, Z-axis @ 50μm layer thickness	
Optical engine	1920 X 1080 (Full HD), 405nm UV LED	
XY resolution	62.5 μm	78 μm
Power	100~240 Vac, 50/60Hz / Approx. 150W	
Dimension/Wt.	310(W) X 430(D) X 910(H) mm / Approx. 40kg	

MP100 / Post Curing Machine (UV curing light)

Applicable resin for FDA Class II (Perfect curing performance with wide enough wave length)
Guarantee the quality through optimized mode selection of each specific resin matieral

MP100

PI

Veltz3D Curing Machine

▲ soft touch switch

MODE

PI General mode

P2 For only CAST resin (Reducing deformation)

P3 Temporary & Guide (Temperature management)

TIME

ON/OFF
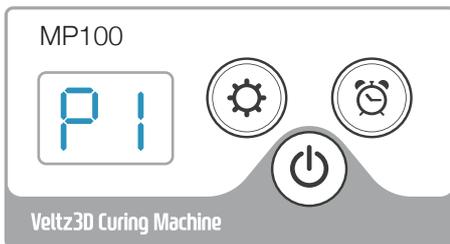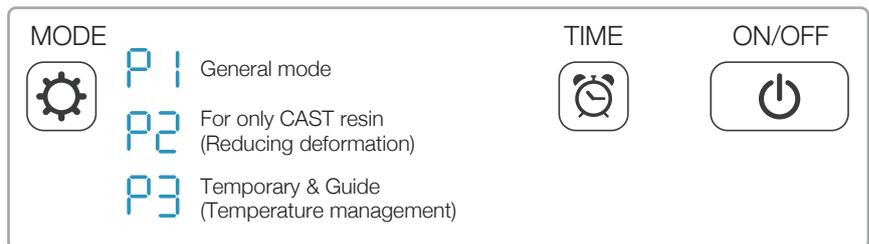
▲ mode information

Item	Post Curing Machine (MP100)	Light	Metal UV lamp
Size	220 x 380 x 150[mm]	Tray size	173 x 140 x 25[mm]
Power	220vac. 50-60Hz.	Weight	6.15kg
Current	0.34 A	Watt	74 W
Acc.	Tray, User's manual, Power cable		

HEPHZIBAH

CONTACT US

sales@veltz3d.com
(22121)86, Gilpa-ro 71beon-gil, Nam-gu, Incheon, Korea
Tel.+82-32-509-5822 Fax.+82-32-502-5519