

# MicroDent

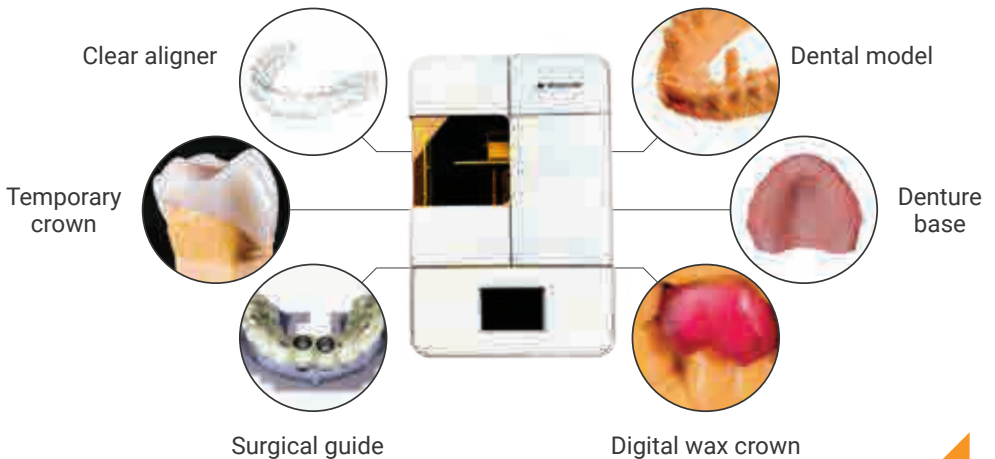


It's the most affordable, accurate 3D printer with full portfolio of dental materials based on 4K optical engine as it's the highest resolution 3D printer ever created for dentistry.

## Technical Specs:

LCD	5.5" 4K
XY pixels	3840×2160
XY resolution	31 micron
LED array	ParaLed V2.0
Print speed	Up to 30 mm/hr
Build volume (X×Y×Z)	134.4×75.6×130mm
Ports	RJ45, USB, microSD
Software	DentPrint by Mogassam
Air Filtration	Acrivated Carbon and Silica air filter

## MicroDent outputs:



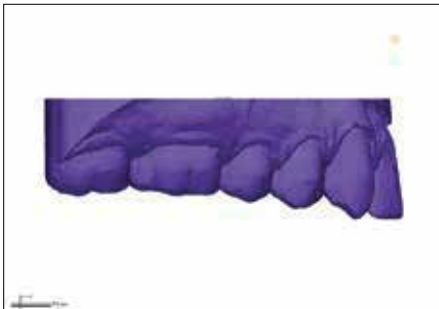
<b>Application</b>	<b>Cost</b>	<b>Printing time</b>
Model (quad)	\$ 0.15	40 mins
SG (quad)	\$ 0.30	40 mins
Temporary crown (per unit)	\$ 0.50	30 mins
Castable	\$ 0.50	30 mins
Pressed Lithium Disilicate	\$ 0.50	30 mins
Denture	\$ 5.00	40 mins
Partial	\$ 2.00	30 mins
Night guard	\$ 5.00	40 mins



## Ayman Full Arch superimposition

Product Name	Microdent 1 Pro 3D printer
Part Name	Ayman Solid
Part Number	1
Department	Mogassam R&D
Inspector	[Inspector]
Date	Dec 27, 2021
Unit	mm

Result Data - 1 : Reference Data - Ayman\_SOLID\_aligned

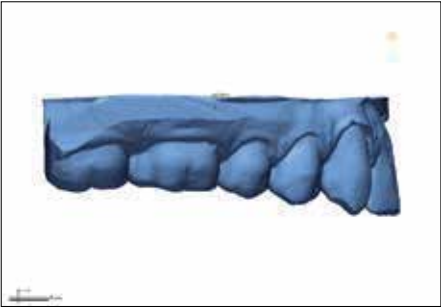


Product Name	Microdent 1 Pro 3D printer
Part Name	Ayman_Solid

Department	Mogassam R&D
Inspector	[Inspector]

Date	Dec 27, 2021
Unit	mm

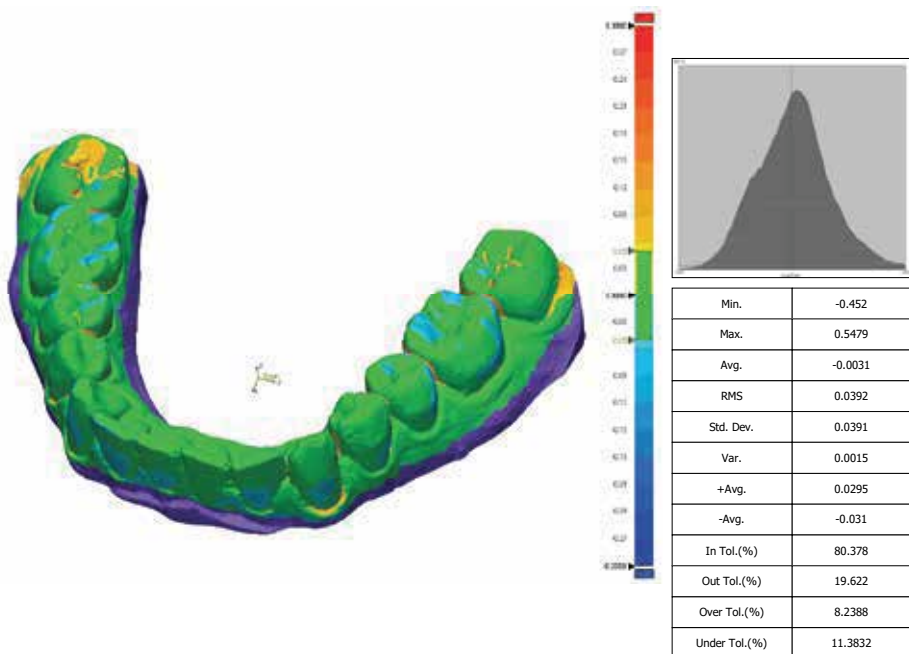
Result Data - 1 : Measured Data - hanyRep



Product Name	Microdent 1 Pro 3D printer	Department	Mogassam R&D	Date	Dec 27, 2021
Part Name	Ayman_Solid	Inspector	[Inspector]	Unit	mm



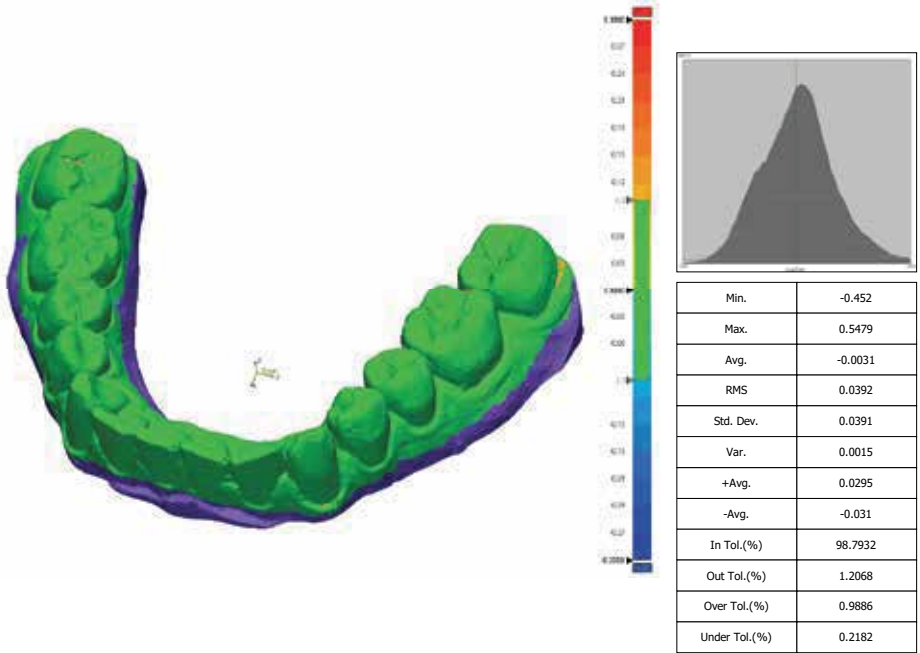
Result Data - 1 : 50um Tol.



Product Name	Microdent 1 Pro 3D printer	Department	Mogassam R&D	Date	Dec 27, 2021
Part Name	Ayman_Solid	Inspector	[Inspector]	Unit	mm



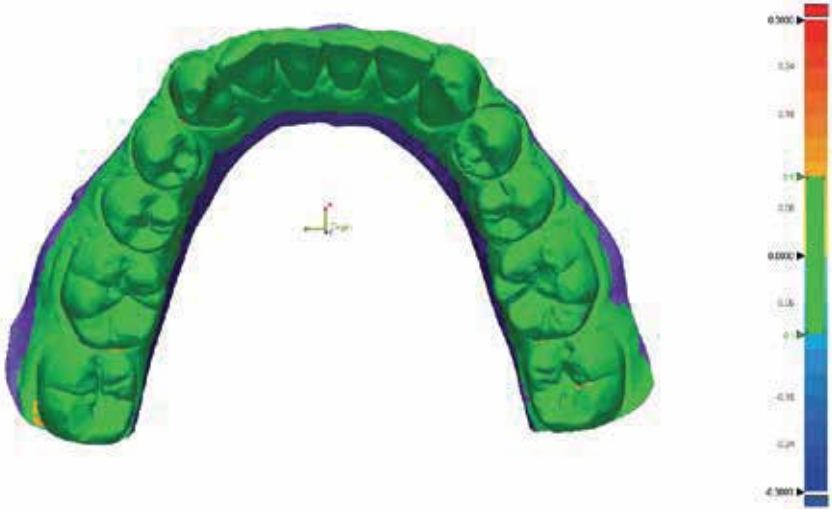
Result Data - 1 : 100um Tol.



Product Name	Microdent 1 Pro 3D printer	Department	Mogassam R&D	Date	Dec 27, 2021
Part Name	Ayman_Solid	Inspector	[Inspector]	Unit	mm



Result Data - 1 : Custom View1



Product Name	Microdent 1 Pro 3D printer	Department	Mogassam R&D	Date	Dec 27, 2021
Part Name	Ayman_Solid	Inspector	[Inspector]	Unit	mm

