

ADMATEC®
A NANODIMENSION DIVISION

Admaflex *Evolution 130*

**One System
Multiple Possibilities**



Ceramics,
polymers and
metal



Best-in-class
cost per part



Industrial grade
parts with
exceptional
surface finish



Lower
operating
costs



Free adjustable
printing
parameters



Highest throughput



In process
monitoring



Multiple pixel
sizes on one
machine

Specifications

Technology	Digital Light Processing (DLP)
Printing Build Volume (X, Y, Z*) with Lateral (Pixel) Resolution (WQXGA light engine with 2560 x 1600 pixels), changeable pixels size	20.5 x 12.8 x 400mm 0.8 x 0.5 x 15.7 inches (8 micron) 25 x 16 x 400mm 0.98 x 0.62 x 15.7 inches (10 micron) 38 x 24 x 400mm 1.49 x 0.94 x 15.7 inches (15 micron) 64 x 40 x 400 mm 2.51 x 1.57 x 15.7 inches (25 µm) 90 x 56 x 400 mm 3.54 x 2.20 x 15.7 inches (35 µm) 102 x 64 x 400 mm 4.01 x 2.51 x 15.7 inches (40 µm) 128 x 80 x 400 mm 5.03 x 3.14 x 15.7 inches (50 µm) 160 x 100 x 400 mm 6.30 x 3.94 x 15.7 inches (62.5 µm)
Layer Thickness	10 - 200 µm, depending on material type
Build Speed (layers/h)	up to 300 layers per hour
Build Speed (mm/h)	up to 60 mm per hour, depending on material type
Wall Thickness	0.1 mm to 10 mm in Al ₂ O ₃
Build Platform Fixture	Zero-Point Clamping System
Machine Dimension (wxdxh)	980 x 670 x 1880 mm 38.5 x 26.37 x 74 inches
Weight	Ca. 300 kg 660 lbs
Required Working Temperature	22 +/- 5°C
Required Working Humidity	< 40%
Connectivity	Ethernet, USB
Power Requirements	110 / 230 V 6 A
File Compatibility	SLC, STL
Final Product Density	Technical Ceramics > 98.5% - 99.9%* *depending on sintering curve

Specifications per August 2024 – subject to change

End to end solutions

Admatec delivers complete turnkey production lines consisting of 3D-printing machines, cleaning equipment and furnaces. A range of validated materials is offered for smoothless printing.