

ADMATEC®

A NANODIMENSION DIVISION

Admaflex Entry 130

Lab AM ceramic system
to explore new materials
and applications



Best-in-class
cost per part



Industrial grade
parts with
exceptional
surface finish



Lower
operating
costs



Free adjustable
printing
parameters and
custom materials



Highest
throughput

Specifications

Technology	Digital Light Processing (DLP)
Printing Build Volume (X, Y, Z*) with Lateral (Pixel) Resolution (WQXGA light engine with 2560 x 1600 pixels)	102 x 64 x 400 mm 4.01 x 2.51 x 15.7 inches (40 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% (in standard configuration)
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

The Admaflex 130 Entry is upgradable to the 130 Evolution

Admatec delivers complete turnkey production lines consisting of 3D-printing machines, cleaning equipment as well as furnaces, optimized for integrated debinding and sintering of oxide ceramics. A range of validated materials is offered for smoothless printing.