

3D PRINTING PIONEERS

Divide By Zero Technologies is one of the pioneer companies to take 3D printing technology to SME sector in India purely because the machines are professional, affordable and adhere to international quality standards. Over the years we have launched a range of high quality, Industrial 3D printers which already cater to various business, giving opportunities to engineers, designers, architects, educators, medical researchers and innovators to realize and visualize their ideas.

Our clientele is spread across the country with presence in cities like Mumbai, Delhi, Bangalore, Chennai, Pune, Rajkot, Coimbatore, Malaysia, Dubai and many more. We work in a close loop with professionals and customers from various fields to improvise on existing technology and providing the additional benefits of advance 3D printing technology to our existing and potential clients.

CLIENTS

Automobile



Research & Education



Defence & Heavy Industry



Consumer Appliances & Products



AION NX



UNLEASH THE POWER OF LARGE-FORMAT 3D PRINTING

ADVANCED MANUFACTURING
DIVIDE BY ZERO
ISO 9001-2015 CERTIFIED

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SIMTEK
Real Time. Real Results
Authorized Reseller

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AION NX

AION NX 3D PRINTER - THE BEST FOR YOU

IOT ENABLED, INDUSTRIAL STANDARD, LARGE FORMAT HIGH SPEED MODULAR 3D PRINTER AVAILABLE AS A CKD KIT.

AION NX is a large format, customisable high speed modular 3D printer which brings to you the ability to produce large volume components, on site in minimum time with maximum efficiency. It comes in an easy to assemble CKD Kit, with effortless portability and multi-material compatibility. All this at the most competitive rates in the market.

AION NX helps you create tomorrow today!

Save your time, money, space and ideas with the AION NX 3D Printer

1 PORTABLE & FLEXIBLE

Available as a compact CKD kit which is easy to transport, effortless to assemble & modular options which suit your specific requirement along with customisable extrusion head (Palette/ Filament/ Paste/ Hybrid), build volume (upto 1m) and many sensor/ automation options.

2 MATERIAL COMPATIBILITY

Supports a wide range of gels, polymers and ceramic input material to deliver the print you need

3 SYNERGISTIC & PRECISE

With high end controllers designed for industrial use and material profiles calibrated for purpose, this is ideal for rapid prototyping or your next research project and shortened iteration cycles

4 OMNI SUPPORT

Includes DIY instructions for CKD assembly, onsite assembly and service options through local partners and online support

5 EASY ACCESS

Spares and replacement parts can be sourced from local or open markets and are not manufacturer specific parts - saves time, money and stress

6 HIGH EFFICIENCY

The high precision extruder is capable of handling temperatures of up to 305 Degree Celcius allowing it to print at 25-40% higher speed with multiple materials without a change of hardware. Reduced wastage, saving cost!

7 LARGE SIZE ACCURACY

Due to the large bed size, The AION NX can 3D print components of large dimensions. Its unique dual preloaded ball screw mechanism in Z-axis ensures a vibration free, high precision outcome at high speeds.

8 DUST AND PARTICLE RESISTANT

The AION NX has a machine enclosure for dust protection and maintain internal temperature, active carbon filter to remove ultra-fine particles from the enclosure, and an additional active FilaDry system can be provided to prevent entry of humidity and moisture protecting both man and machine.

TECH SPECS

BUILD SIZE

1000mm X 1000mm X 1000mm

NOZZLE DIAMETER

0.4mm/0.6mm/0.8mm optional

EXTRUDER

Direct dual drive all metal extruder with Pause Print Option

NOISE LEVEL

<55 dB

PRINTING SPEED

100mm/s Variable as per material profile

MAX EXTRUDER TEMPERATURE

305 Degree Celcius

DIMENSIONS

L- 1700mm X W- 1700mm X H- 1800mm

CONNECTIVITY

USB, Wi- Fi, SD Card, Ethernet

ACCURACY

80 - 250 micron

WEIGHT

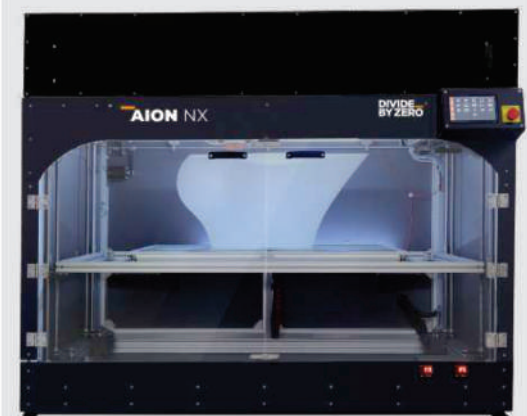
250 Kg

INPUT POWER

220V - 10A - 50Hz

BUILD MATERIAL

Engineering grade Thermoplastic PLA, PETG, PLA Tough, TPU



- Available with optional Packages
- Subject to alteration. Only specifications in our offer and are order confirmations binding.

