



3DXTECH[®]
Additive Manufacturing

Gearbox™ FM1

Material Management System

FM1 Features

Our filament maintainer utilizes state-of-the-art drying technology that ensures your filament stays dry and ready to print.

Holds up to 50kg of filament on two storage racks – accommodates 0.5kg through 10kg reel sizes.

Filament can be fed directly from FM1 to your printer through ports designed for easy access.

Automatic drying system works to keep chamber air at -40°C dewpoint to ensure a dry storage environment.

Programmable alarm to alert at specified high/low humidity levels.



**MADE
IN THE USA**

www.3dxtech.com

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Technical Specifications

Digital Display

Alarm

Dewpoint

Relative Humidity

Storage

Storage Racks

Filament Feed

Voltage

Frequency

Current Draw

Internal Volume

Internal Dimensions

External Dimensions

Net Weight

Stackable

Manufacturing Location

Gearbox™ FM1

Key Features Such as Temperature and Humidity

Programmable to a Set Humidity Level

Internal Environment Kept to

-40°C Dewpoint

Stores Filament at $\leq 3\%$ RH

Up to 50kg of Filament on Two Storage Racks – Accommodates 0.5kg Through 10kg Reel Sizes

Adjustable

5 Ports Allow Filament to Feed

Directly to 3D Printer (Up to 2.85mm)

120 Volts

50/60Hz

1.3 Amps

0.31 Cubic Meters (10.9 Cubic Feet)

66.5 x 80.9 x 46.8cm

(26.2 x 31.9 x 18.4in)

70.4 x 89.5 x 73.3cm

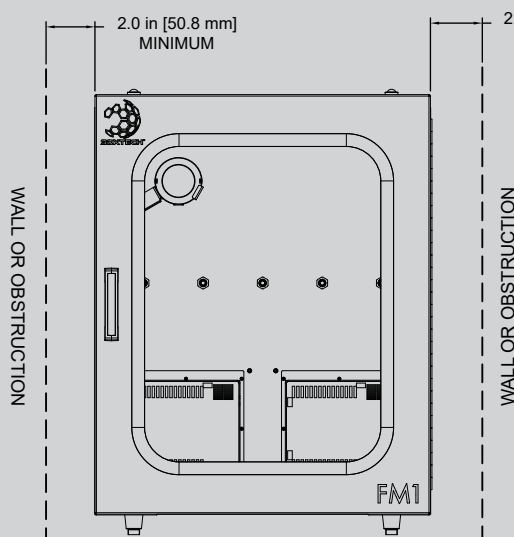
(27.7 x 35.2 x 28.9in)

68kg (150lbs)

Stackable with Gearbox™ FM1/FD1

Grand Rapids, MI [USA]

FRONT VIEW

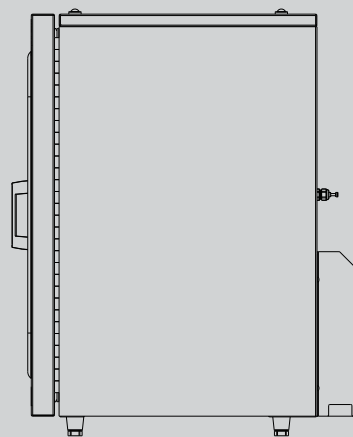


2.0 in [50.8 mm]
MINIMUM

WALL OR OBSTRUCTION

6.0 in [152.4 mm]
MINIMUM

SIDE VIEW



WALL OR OBSTRUCTION