



KORA
www.kora.co.uk

Kora SC-01 Rev01 3D Printer Safety Cabinet - November 2018

DATASHEET

Door Lock: Cam lock Style (supplied with x2 keys)

Technology: Particulate Filtration System

Conformity: CE Marked, HSE Laboratory Tested

Airflow System: Mono Speed Negative Pressure Direct Air System

Construction: Powder Coated Steel

Packaging: Cardboard - Part Flat Packed System

Tested To: BS EN 1093 (2006) Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 3

Internal Dimensions in millimetres (mm) 652 wide x 658 deep x 688 high

External Dimensions in millimetres (mm) 662 wide x 662 deep x 800 high (including filter housing and adjustable feet)

Maximum Load Capacity (Bench or Floor Mounted SC-01) 50 Kilograms Evenly Spread

Clear Panels and Door: Fire and Shock Resistant PETG

Voltage 12 Volts DC

Filter Type: Specially Constructed HEPA / Active Carbon type with Pre-Filter - Maximum 400 hours Use

Temperature and Humidity Display: LCD Display of Internal SC-01 Environment

Power Supply (Switching Type) 100-240V AC 50/60Hz - 24W / 12V 2A

Power Supply Connector 2.1 x 5.5 x 12mm Barrel Style / Fixed UK Style Plug

Power Supply Conformity: UL, CE, ErP VI

Power Supply Safety Features: Built In Over Voltage / Over Current and Short Circuit Protection

Serial Numbering System: Unique Allocated and Recorded Number

Patent Pending: Number 1820397.6

Optional Fire Extinguisher: Dry Powder Automatic Trigger @ c. 79C

Optional Heat Sensor Alarm: 10 Year Built-In Battery System Trigger @ c. 59C (Class A1)

Optional Lighting Kit: LED Light Unit(s) - 12 Volts DC

Optional SINGLE ST-01 Safety Trolley and DUAL ST-01 Safety Trolley: Powder Coated Steel Construction

Total Maximum Load Capacity (ST-01) Single and DUAL Versions: 120 Kilograms In TOTAL Including Shelves (See Weight Distribution Details Below)

Maximum Load Capacity (ST-01) DUAL - Top Mounted SC-01: 30 Kilograms - MUST NOT BE USED Without A Heavier Printer FIRST Installed Into The LOWER SC-01

Single ST-01 Safety Trolley Total Height (inc. SC-01): 1700mm from Floor to Top of SC-01 Filter Housing

DUAL ST-01 Safety Trolley Total Height (inc. x2 SC-01's): 1890mm from Floor to Top of Upper SC-01 Filter Housing

Kora SC-01 Patent Pending No. 1820397.6