MEYER

Specification of M2 COLOR SORTER

Description / Specifications of Goods	Model: M2 / MSXC-120M
Picture:	
Application, product type:	Multi usage: Nuts, Wheat, Grains, Beans, Pulses, Kernels etc.
Dimension:	**940 x 1 480 x 1 500 mm**
Weight:	**300 KG**
Capacity (kg /hour) up to:	**0,2 – 1,2 T/h/1 chute** (depends on impurities rate and material)
Viewing width:	600 mm
Power:	**0,8 kW**
Sorting type:	Slide type
Number of ejectors:	**120** high speed patented **MAGLEV** ejectors
Number of chutes:	2
Lighting:	LED RGB lighting
Detection type (defect identification):	Sorting by: **1)** Color **2)** Size **3)** Shape
Camera:	MEYER 90 - COMPUTAR®
Matrix / Sensor:	HD RGB TOSHIBA®
CCD camera resolution, pixels:	4 cameras - 5 400 (2 front and 2 rear)
Optical resolution:	0,13
Control panel:	Touch screen **15”**
Display and commands language:	English
Sorting accuracy (Impurity of input material not more than 10%) %, not less than:	**≥99,9 %**
Width of air nozzle of valves – ejectors:	4 mm
Power supply, V:	**220 ± 5 %**

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Frequency, Hz:	50 ± 1
Air pressure, MPa:	0,6 – 0,8
Air Consumption	**≤ 1,0 m³/min.**
Environment temperature, °C:	Between +1°C and +40°C
Relative humidity at 25 °C, %:	From 20 to 80
Air flow aspiration, m3 /h, no more than:	60
Class of protection from electric shock:	I
Ingress protection rating:	Not less than IP54
Noise level at the work area, dB, not more than:	70
Warranty:	12 months
Equipment acceptance: Acceptance of equipment shall be performed at the place of the equipment delivery. The equipment will be commissioned only after successful demonstration of its functioning and training of End User at the place of delivery.	Yes
EU countries local support in normal working hours. Brand new replacement if Purchased Unit is beyond repair.	Yes
Operating and maintenance manuals:	In English
Open design construction.	Yes, easy sanitation and cleaning
Service Life (Patented maglev ejector):	**>13 billion times**
Service Life (LED):	**>50 thousand hours**
Service Life (Power supply):	**>50 thousand hours**
OS - Operation System, friendly user interface and easy to operate.	Extremely Simplified User-friendly Interface Sorter Care AI Mode 5.0 Fast adjustment with one-key operation. User-friendly interface. 200 schemes management. Internet remote support is time-saving. OS Update is available.

Note: Parameters above are tested in the environment of 25 C and 2% the impurities rate and may change in different conditions.