TS Series- MSD120
MicroSD Duplicator and Inspector

U-Reach TS Series MicroSD duplicator contains smart, reliable and beneficial functions. It supports 120-port MicroSD card tray and capable to handle duplication or H2 test at 120pcs/round capacity. The thimble design highly improves production efficiency. Besides, the Event Log Report Function assist users in monitoring and recording the whole production or quality checking process.

Features

Controller Design

Embedded controller is designed to support capacities up to 2TB. Constant improvement supports latest market -available devices.

Read-Only Source Port

There is no option to disable this built-in feature and it is integrated with all U-Reach duplicators.

Bandwidth Performance

Speed transfers of up to 2.0GB/min. (33MB/sec.) Dedicated bandwidth enables high-volume replications without speed degradation.

Event Log Management

• Records: operating durations, individual port copy progressions, connected device models, capacities, serial numbers, and PASS or FAIL results.
• Device writing/reading speeds are recorded.
• Log report files are generated through Port #1 or through the U-Reach PC Link Software Utility.

Website : www.ureach.in
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U-Reach India

Real-Time PC Monitoring

View live status on PC, including writing/reading speed, total capacity, current function progress per port.

The TS-MSD120 needs to operate with a PC monitoring software since it will show real-time status and results on the screen.
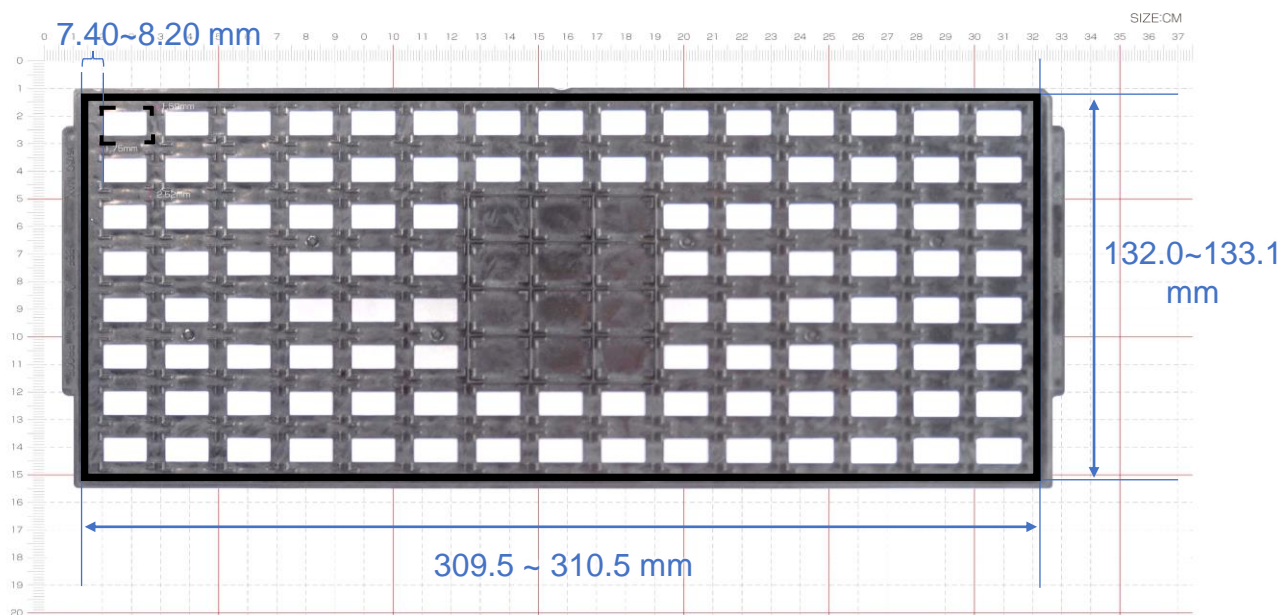

Unique Tray Design

Convert 120pcs microSD cards in just one second. The card tray is recommended to comply with below size:
Length: 309.5~310.5 mm
Width: 132.0~133.1 mm

SIZE:CM

7.40~8.20 mm

132.0~133.1 mm

309.5 ~ 310.5 mm

Product Models

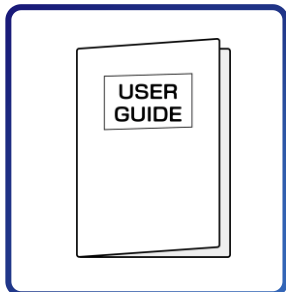| Photos	Models	Target Ports	Product Dimensions	Package Dimensions	Package Weight
	MSD120	1:120	51 x 30 x 46 cm	70x 52 x 66 cm	32kg

Standard Package

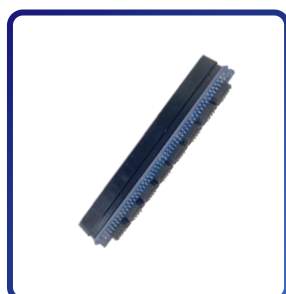

Duplicator x 1

Tray x 2

Power Cord x 1

User Manual x 1

PC-Link Cable x 1

PC-Link Software USB x1

Optional Accessories

Connect Pins (8ports/set)

MicroSD Socket

Specifications

Bandwidth Performance	2GB/min. (33MB/sec.) *Actual performance is dependent on MicroSD transfer speeds*
Supported Formats	Quick Copy (System and Files): FAT16/32, exFAT, Windows (NTFS), and Linux (Ext2/Ext3/Ext4). Whole Media Copy: All formats, including proprietary formats. GPT, MBR, and Advanced Formats.
Supported Capacity	Up to 2TB.
Operation Mode	Standalone, FPGA-based Operation

Functions

Copy Modes	Systems & Files, Whole Media
Compare Function	Bit-by-bit data comparison
Format Functions	Automatically detects and formats device(s) to either FAT16 or FAT32.
Media Checking Tools	Diverse tools for verifying flash quality for bad sectors, capacity authenticity, and read/write speeds
Log Report Management	Output and management your log reports for internal records.

Compatibilities

Compatible Device	All MicroSD cards.
Supported OS for PC Link Software	All (Windows, Mac, Linux, and other stand-alone systems)

Hardware Specifications

LCD Display	2x20 Backlit Monochrome LCD Display	
Control Panel	4 Push Buttons (▲, ▼, OK, ESC)	
Power Requirements	Universal Power: 115V AC or 230V AC, 50/60Hz	
Temperature	Working: 5°C ~ 45°C	Storage: -20°C ~ 85°C
Humidity	Working: 20% ~ 80%	Storage: 5% ~ 95%

**Specifications subject to change without notice.