MS2320
full-size scanner/scale

Metrologic®
We really work for you.™

MS2300 Series StratosH™

Metrologic's Stratos*H* 6-sided, 360°-bioptic scanner/scale provides retailers with high-throughput efficiency and aggressive first-pass scanning performance. Its patented modular independent scanning planes simplify set up, minimize downtime and maximize customer satisfaction.

Stratos*H* ensures checkout efficiency with Stratos**SYNC** and Stratos**SWAP**. Both features capitalize on Metrologic's patented modular scanner configuration of independent vertical and horizontal scanning planes.

The Stratos*H* form factor is available in several lengths and boasts a 4-inch-below counter depth for easy integration into most checkout environments.

The high performance of the Stratos series has been united with the legendary accuracy and ruggedness of the Mettler Toledo dual interval scale.

Specifically designed to withstand the most grueling checkout environments, the DIVA dual interval scale supports both weight-only and price-computing applications. This allows international retailers to easily create global standards for their POS systems.

Stratos*H* also features RS-232 auxiliary port, Flash ROM firmware upgrade capability, MetroSet®2 PC-based configuring and sapphire or diamonex horizontal window.

www.metrologic.com/MS2320

## FEATURES | BENEFITS

FEATURES	BENEFITS
• 6-sided, 360°-scanning	Optimizes checkout productivity and operator safety by capturing data regardless of bar code orientation to scanner
• DIVA dual interval scale	Legally and accurately weighs items as light as 40 g/0.1 lb and as heavy as 15 kg/30 lb
• Stratos**SYNC**™ independent scanning planes	Maintains productivity and uptime via independent scanning planes
• Stratos**SWAP**™ pre-aligned optical scanning modules	Minimizes downtime and lowers cost of service with field-replaceable optical modules
• Stratos**SCHOOL**™ operator training software	Increases productivity and efficiency by teaching proper scanning techniques

MS2320 full-size scanner and scale
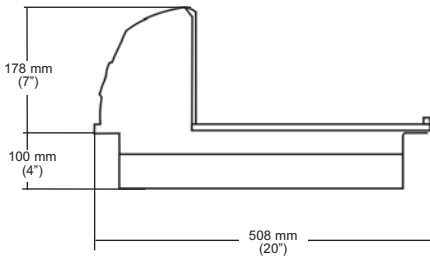
MS2321 full-size scanner only
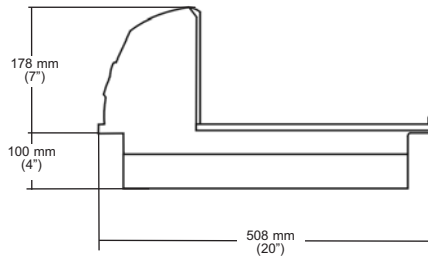
MS2322 compact-size scanner only
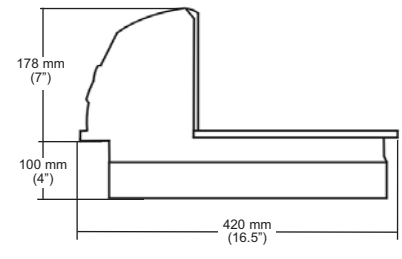
OPERATIONAL

Light Source	Visible Laser Diode 650 nm $\pm$ 10 nm
Laser Power - (horz/vert)	1.1 mW / 1.5 mW
Motor Speed - (horz/vert)	4800 / 4800 RPM
Sides Read	6
Decode Capability	All standard 1-D bar codes, RSS-14, RSS-Expanded, RSS-14 Limited
System Interfaces	RS-232, Aux. RS-232, IBM468x/469x, USB, OCIA
Number Characters Read	Up to 80 data characters
Speaker Operation	7 tones or no beep; 3 volume settings
Indicators (LED)	Blue = ready to scan; White = good read

MECHANICAL

Length	MS2320 (full-size scanner with scale)	508 mm (20")
	MS2321 (full-size scanner only)	508 mm (20")
	MS2322 (compact-size scanner only)	420 mm (16.5")
Width	292 mm (11.5")	
Depth (below counter)	100 mm (4")	
Height (above counter)	178 mm (7")	
Weight	MS2320 (full-size scanner with scale)	11.8 kg (26 lb)
	MS2321 (full-size scanner only)	7.7 kg (17 lb)
	MS2322 (compact-size scanner only)	7.3 kg (16 lb)

ELECTRICAL

Input Voltage	100 - 240 VAC, 50 - 60 Hz, 0.6A
Power	13.5 W (operating); 5 W (standby)
Operating Current	900 mA (5V) / 700 mA (12V)
DC Transformers	Class 1; 5 VDC @ 1.5 A; 12 VDC @ 1.5 A
Laser Class	CDRH & IEC: CLASS 1 laser product according to IEC 60825-1:1993+A1:1997+A2:2001
EMC	FCC, ICES-003 & EN55022 Class A

ENVIRONMENTAL

Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	5% to 95% relative humidity, non-condensing
IP Rating	IP 55
Light Levels	4842 Lux (450 footcandles)
Contaminants	Sealed to resist airborne particulate contaminants
Ventilation	None required

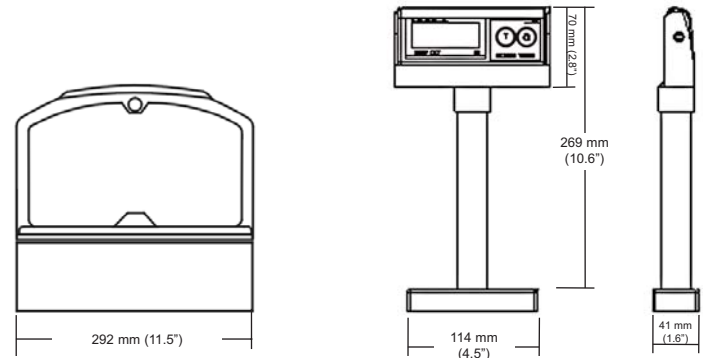|		
Product Colors Available	■ Dark Grey	**MS2300** series is available in a variety of other colors with minimum quantity purchase

SCAN PERFORMANCE

Depth of Scan Field - (horz)	0 mm - 152 mm (0" - 6") for 0.33 mm (13 mil) bar code
Depth of Scan Field - (vert)	0 mm - 216 mm (0" - 8.5") for 0.33 mm (13 mil) bar code
Scan Speed	5280 scan lines per second
No. of scan lines - (horz/vert)	66 (38/28)
Scan Zone	360°
Minimum Bar Width	0.152 mm (6 mil)
Print Contrast	35% minimum reflectance difference
Roll, Pitch, Yaw	360°, 60°, 60°

SCALE SPECIFICATIONS

Capacity	0-6 kg x 0.002 kg; 6-15 kg x 0.005 kg (0-15 lb x 0.005 lb; 15-30 lb x 0.01 lb)
Minimum legal weight	40 g (0.1 lb)
Interfaces	RS-232, adapter cables available
Communication	Protocols included work with most popular POS systems
Operating range	-10°C to 40°C (14°F to -104°F); 0-85% humidity; non-condensing
Automatic zero mainenance	Assures a stable zero reading
Approvals	NTEP, OIML, CE

ALL MODELS

CELEBRATING
since 1968
40
YEARS
of innovation

DS2320