



METROLOGIC INSTRUMENTS, INC.
MS2320 Stratos^H™ Scanner / Diva Scale
Installation and User's Guide

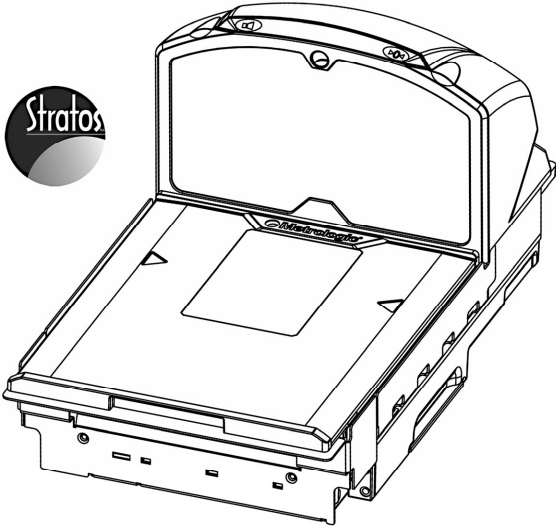


TABLE OF CONTENTS

INTRODUCTION

Manual Scope	1
Product Overview	1
Base Kit Components.....	2
Optional Accessories.....	2
Replacement Parts.....	4
General Precautions.....	5
MS2320 Scanner/Diva Scale Design Specifications	6

BASE MODEL CHARACTERISTICS

MS2320 Scanner/Diva Scale	7
Components.....	7
Dimensions	8
Connector Panel	8
Caution and Serial Number Labels	9

INSTALLATION

Quick Installation Outline.....	10
Site Requirements.....	10
Vertical Clearance.....	10
Ventilation and Spacing.....	10
Service Access.....	10
Power Installation.....	11
Checkout Counter Layout Consideration.....	11
Unpacking the Unit.....	12
MS2320 Package Warning.....	13
Lifting the Unit by the Handles	13
MS2320 Mounting Diagram (Two Point Support).....	14
MS2320 Mounting Diagram (Three Point Support)	15
Cable Installation (Interface Specific).....	16
RS232	16
Full Speed USB.....	18
IBM OEM.....	19
Serial Emulation Mode	19
Keyboard Emulation Mode	19

TABLE OF CONTENTS

IBM 46xx	21
OCIA	23
Cable Installation (Secondary Metrologic Scanner)	25
EAS Deactivation	27
SCANNER OPERATION	
Scan Zone	28
IR Activation Area (IR LED Output)	30
Indicator Descriptions	31
Audible	31
Visual	31
Failure	32
Diagnostic Indicator Display; Error Codes	33
Power Save Modes	35
Beeper Options and Button Functions	36
Beeper Tone and Volume Control	36
The Multi-Function Button	36
Startup	37
Power-Up Test Mode	37
Configuration Mode	37
SCALE OPERATION	
Scale Zeroing	38
Calibration	39
Tools Required	39
Scale Calibration Methods	39
Priming the Scale for Calibration (lbs. & kg)	40
Scale Calibration Procedure (lbs. & kg) with Remote Display	41
Bar Code Calibration Procedure without Remote Display	44
Calibration Verification	48
U.S. Pounds (lbs.)	48
Kilograms (kg)	49
Security Seal Installation	50
Pressure Sensitive Security Seal	50
Wire Security Seal (Conversion Kit 46-00359)	51

TABLE OF CONTENTS

MAINTENANCE

Platter / Horizontal Scan Window Replacement.....	52
Vertical Scan Window Replacement	53
Daily Maintenance.....	53

TROUBLESHOOTING

Troubleshooting Symptom / Solution Chart.....	54
RS232 Demonstration Program	56

DEFAULT SETTINGS

Communication Parameters.....	57
-------------------------------	----

SCANNER AND CABLE TERMINATIONS

Scanner Pinout Connections.....	64
Cable Connector Configurations	66

REGULATORY COMPLIANCE

Safety.....	68
EMC	69
Weights & Measures	70

LIMITED WARRANTY	71
-------------------------------	-----------

PATENTS.....	72
---------------------	-----------

INDEX	73
--------------------	-----------

This is a “Table of Contents preview” for quality assurance

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/Metrologic/MS2320 StratosH Diva Scale user ma](https://the-checkout-tech.com/manuals/Metrologic/MS2320%20StratosH%20Diva%20Scale%20user%20manual.pdf)

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://the-checkout-tech.com)