



The **W90+** General Purpose Bench Scales Series is a Powerful Multi-Function yet Easy-to-Use Bench Scale.

It is Designed for Light Capacity, Tabletop/Wall Mount Applications where Connectivity, Data Availability, and Security Accept No Compromise.



### Operation Functions & Features

- Weighing, Piece Counting, Animal Weighing, Auto Tare, and Memory (ATM)
- Manual, Preset, Repetitive, and Continuous Tare Operation
- Continuous Tare and ATM Function Support with Configurable Delay Time before Tare Action
- Tare, Zero, and Print/M+ Key Functions; Operator Number, Customer, and Product Code can be Input via a Barcode Scanner
- Near-Zero Weight Value to Avoid False Low Signal Output
- Real-Time Clock
- Configurable Keypad, Check, and System Buzzer
- 9 Selectable Filter Strength Levels with 2 A/D Conversion Speeds
- 4-Color Backlight
- Huge Size Alibi Memory
- Weight Unit Conversion Among kg, g, and lb
- Strong and Lightweight Aluminum Alloy Weighing Platform with Overload Protection
- Detachable Indicator Suitable for Tabletop and Wall Mount with a Cable Length of 120 cm



### PLUs & Alibi Memory

- 1000 Production Settings PLUs per Weight Unit
- Each PLU Contains 11 Operation Parameters including Customer Code, Product Code, Unit Weight, Low Check Limit, High Check Limit, Check Target (Weight or Quantity),

- Tare Behavior (Manual, Auto, and Continuous), Preset Tare Value, Date Format, Expiry Duration
- Auto PLU Recall via Product/Customer Code Barcode Scanning

***Versatility, Functionality, and Accuracy are all Built-in***

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## Higher Efficiency & Less Human Error

- Operation Parameters in PLUs and Databases can be Recalled via Keyboard, Barcode Scanner, and Computer Locally or Remotely
- Check Limits Validation Control Prevents Incorrect Results from being Processed and Output

## Data is Always Secure & Traceable

- Built-in Alibi Memory Provides Non-Resettable and Real-Time Storage of up to 131,072 Individual Transactions
- Every Individual Transaction Contains 20 Results and Operation Settings
- All Data in Alibi Memory is Ready for Retrieval Locally or Remotely at Any Time
- Management Reports Enable Productivity Analysis with Yield Rates Based on Employees, Production Lines, Plants, Customers, and Products

## Management Features

- Configurable Machine ID, Machine Group, and Operator Number
- All Data (Daily, Monthly & Specified Period) can be Output to a Computer
- Supports Inquiries, Settings, and Execution Commands from a PC
- Checks Result Control for Accumulation, Data Printout, and Output
- Keypad Lock Function
- All Current Operation Results Output in Database Format for Data Management, Processing, and Analysis
- Label Printers Supported:
  - Datecs: LP-50
  - TSC: TDP/TTP-225, TDP/TTP-247, TDP/TTP-345, DH/TH220 Series, DH/TH240 Series, DH/TH340 Series
- Sbarco: All Models with Serial Port

## Connectivity & Data Communication

- Standard: 2 x Independent & Configurable RS232 Ports
- Optional: WIFI Module
- Peripherals Supported: Computers, Label/Dot Matrix/Thermal Printers, Serial Barcode Scanners, Remote Displays

## Data Format

- 2 x Predefined Landscape Output Formats
- 3 x Predefined Portrait and One Customizable Output Format
- 10 x Predefined and One Customizable Continuous and Interval Output



Adjustable 4-Color Backlight

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## Specifications

Model	Capacity	Readability	Platform
W90+15KY	15kg	2g	<ul style="list-style-type: none"><li>• Dimensions = 280 x 330mm</li><li>• SS Platform Cover included</li></ul>
W90+30KY	30kg	5g	
W90+60KY	60kg	10g	
Weight Units	kg, g, lb		
Digits & Indications	<ul style="list-style-type: none"><li>• 5½ 50mm HTN Bold Type Wide Angle LCD Numeric Digits</li><li>• Net, Stable, Zero, Weight Unit, Weighing Range, Animal Weighing, Battery Level, M+, PLU, Pre-Tare, Alibi, Counting Function Indicator</li></ul>		
Micro Processor	32-bit ARM Cortex M4		
A/D Converter & Internal Resolution	<ul style="list-style-type: none"><li>• 24-bit</li><li>• 2.0 million Internal Resolution</li><li>• Minimum input per d = 0.75µV</li></ul>		
AD Conversion Speed	10, 80 times/second (selectable)		
Max. Tare Range	-Max (Subtractive Tare)		
Calibration Methods	<ul style="list-style-type: none"><li>• 2 Span Points Calibration (Linearity Calibration), or</li><li>• 1 Span Point Calibration</li></ul>		
Power Source	<ul style="list-style-type: none"><li>• Built-in DC6V Lead Acid Rechargeable 6VBattery</li><li>• External = 12VDC, 1A Power Adaptor</li></ul>		
Accessories	DC12V, 1A Universal Power Adaptor		
Operation Environment	-10 to 40°C. Non-condensed. R.H. ≤ 85%		

*In the interest of improvement, specifications may change without notice*

## Options

- Serial Cable Barcode Scanner



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REV: W90/26/05/02