



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:
  - Datscom: LP-50
  - TSC: TDP-225, TDP-247, TDP-345, TTP-225, TTP-247, TTP-345
  - 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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