



# PORTABLE COUNTING SCALE

## DC-190 Ultra Series

The DC-190 Series counting scale provides high accuracy performance with a weighing resolution of 1/10,000 and an internal counting resolution of 1/1,000,000. User performance is enhanced with features like three bright fluorescent displays that show weight, unit weight and quantity simultaneously, as well as a full function numeric keypad.

Three RS-232 ports allow connection to peripherals such as bar code laser or pen scanners, bar code printers, ticket or tape printers, or a PC. Furthermore, ULTRA-COUNT software provides real-time data transfer and network communication, and custom label formatting.

The indicator can be unlatched from the base for column, wall mount or remote use. Battery operation supports remote platforms with up to 4 load cells each.

### STANDARD FEATURES

- AC or rechargeable battery\* operation (battery optional)
- Unlimited memory with optional IMS software
- Three fluorescent displays for weight, unit weight and quantity
- Lb/kg weight display conversion
- Four scale channels including three load cell channels and a sample balance scale
- Six setpoints for automatic checkweighing
- Three RS-232 ports for connecting to peripherals such as bar code printers, ticket/tape printers, bar code laser/pen scanners, PCs, or a force balance
- Net/gross weight display
- Network up to 64 scale workstations
- Accumulation and subtraction functions
- Custom label formatting
- 200 item memory

### SPECIFICATIONS

|                                 |   |                                 |   |
|---------------------------------|---|---------------------------------|---|
| DISPLAY.....                    | Vacuum fluorescent display (VFD)        | LOAD CELL EXCITATION .....      | 12 VDC  |
| WEIGHT DISPLAY .....            | Five-digits                             | LOAD CELL INPUT CONNECTOR.....  | Amphenol 14-pin   |
| UNIT WEIGHT DISPLAY .....       | Five-digits                             | SCANNER CONNECTOR .....         | 8-pin DIN (RS-232C)   |
| QUANTITY DISPLAY.....           | Seven-digits                            | LAB BALANCE, PC OR BAR CODE     |   |
| WEIGHT DISPLAY RESOLUTION ..... | 1/2500, 1/5000, 1/10,000                | LABEL PRINTER CONNECTOR .....   | Din 8-pin (RS-232C) or D-Sub 9-pin (RS-232C)                |
| COUNTING RESOLUTION .....       | 1/1,000,000                             | SETPOINT OUTPUT CONNECTOR...    | 8-pin mini DIN (24 V open collector)                        |
| POWER SOURCE .....              | 100-120 VAC, (50/60 Hz) 20W             | OPERATING TEMPERATURE .....     | 14° F to 104° F (-10° C to 40° C)                           |
| ZERO ADJUST RANGE .....         | ±100% full scale                        | DIMENSIONS .....                | 16.5" W x 16.5" L x 4.9" H (419 mm W x 419 mm L x 454 mm H) |
| A/D CONVERSION RATE .....       | 10 times/second                         | ESTIMATED SHIPPING WEIGHT ..... | 23 lb (10 kg)   |
| MEMORY ITEMS .....              | 200 items, expandable with IMS software | WARRANTY .....                  | 2-year limited warranty                                     |

\* Batteries not included

### ORDERING INFORMATION

| PART#  | DESCRIPTION           | WEIGHING RESOLUTION  | COUNTING RESOLUTION       | PLATTER                     |
|--|-----------------------|----------------------|---------------------------|-----------------------------|
| <b>DC-190 - Single Platform (S-XL): 4 Channel System</b> |                       |                      |                           |                             |
| 74246  | ..... 1 lb.....       | 0.0001 lb.....       | 0.000001 lb.....          | 6" x 8" (152 mm x 203 mm)   |
| 74247  | ..... 2.5 lb.....     | 0.0002 lb.....       | 0.0000025 lb.....         | 7" x 10" (178 mm x 254 mm)  |
| 74248  | ..... 5 lb.....       | 0.0005 lb.....       | 0.000005 lb.....          | 11" x 16" (279 mm x 406 mm) |
| 74249  | ..... 10 lb.....      | 0.001 lb.....        | 0.00001 lb.....           | 11" x 16" (279 mm x 406 mm) |
| 74250  | ..... 25 lb.....      | 0.002 lb.....        | 0.000025 lb.....          | 11" x 16" (279 mm x 406 mm) |
| 74251  | ..... 50 lb.....      | 0.005 lb.....        | 0.00005 lb.....           | 11" x 16" (279 mm x 406 mm) |
| 74252  | ..... 100 lb.....     | 0.01 lb.....         | 0.0001 lb.....            | 11" x 16" (279 mm x 406 mm) |
| <b>DC-190 - Dual Platform** (S-XD): 4 Channel System</b> |                       |                      |                           |                             |
| 74267  | ..... 1/10 lb .....   | 0.0001/0.001 lb..... | 0.000001/0.00001 lb.....  |                             |
| 74268  | ..... 1/25 lb .....   | 0.0001/0.002 lb..... | 0.000001/0.000025 lb..... |                             |
| 74269  | ..... 1/50 lb .....   | 0.0001/0.005 lb..... | 0.000001/0.00005 lb.....  |                             |
| 74271  | ..... 2.5/25 lb ..... | 0.0002/0.002 lb..... | 0.0000025/0.00025 lb..... |                             |
| 74272  | ..... 2.5/50 lb ..... | 0.0002/0.005 lb..... | 0.0000025/0.00005 lb..... |                             |

\*\* Platter one is 4" x 6" (101 mm x 152 mm) and platter two is 9" x 12" (229 mm x 304 mm) for all capacities

### OPTIONS/ACCESSORIES

- |  |   |
|--|---|
| 53827..... Rechargeable battery—lead acid type                   | 73096..... BCR-5 pen bar code reader                            |
| 74659..... DC-190 Ultra console only (controls up to 4 channels) | 73703..... IMS Inventory Control Software, single scale version |
| 73182..... Column assembly, 20" (508 mm) high                    | 53828..... Y cable (two remote channels)                        |
| 23113..... EPSON TM-U295 ticket printer                          | 73106..... Cable for BCP-300                                    |
| 34492..... EPSON TM-U200 tape printer, 3****                     | 64660..... Cable for Zebra®, 9-pin                              |
| 53120..... Zebra® LP-2722 bar code printer, 2****                | 64661..... Cable for Zebra®, 8-pin                              |
| 53136..... Zebra® LP/TLP-2742 bar code printer, 4****            | 41279..... Cable for TM-U295 or TM-U200                         |
| 73093..... BCP-300 bar code printer***                           | 32375..... 14-pin load cell connector, Amphenol                 |
| 65619..... QuickScan® QS-6000 laser bar code reader              | 74634..... Additional operating manual                          |

\*\*\* Refer to respective printer page in this catalog for paper and label

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### APPLICATIONS

- Inventory management
- Parts packaging
- Shipping and receiving

