

# DC-180

Series

# COUNTING SCALE



**High precision stand-alone counting scale  
with user-friendly features packaged into  
a compact portable design**

**Remote weighing platforms in capacities from 50 lbs. thru 25,000 lbs. are available in a variety of sizes up to 6' x 8'.**

ST-Series Remote Platform (17" x 21") shown

*Numerous features enhance efficiency of any counting and weighing operations.*

- Automatic recomputing function to enhance sampling accuracy
- Count accumulation and subtraction function
- Net weight/Gross weight display out
- Programmable setpoints for over/under counting and weighing operations
- Negative sampling and counting capability
- Auto power off function
- lb/kg display conversion

• High internal resolution 1/500,000

• Three large bright fluorescent displays



• Completely portable with rechargeable battery

• Easy to use full function numeric keypad

The DC-180 Series assures the highest sampling and counting accuracy for a wide assortment of items from ultra light electronic components to the largest manufactured parts using a second remote weighing platform.

**Selection Guide**

Single Channel Scale		Two Channel Scale		Typical Second Platform Capacities and Sizes			
Model	Capacity	Model	Capacity	Small	Medium	Large	
DC181L-0.5	0.5 lbs/250 g	DC182L-0.5	0.5 lbs/250 g	25-100 lbs (SS)	100-500 lbs (ST)	100-1000 lbs (SU)	
DC181L-1.0	1.0 lbs/500 g	DC182L-1.0	1.0 lbs/500 g	25-100 lbs (SS)	100-500 lbs (ST)	100-1000 lbs (SU)	
DC181L-2.5	2.5 lbs/1 kg	DC182L-2.5	2.5 lbs/1 kg	25-100 lbs (SS)	100-500 lbs (ST)	100-1000 lbs (SU)	
DC181L-5.0	5.0 lbs/2.5 kg	DC182L-5.0	5.0 lbs/2.5 kg	50-250 lbs (SS)	100-500 lbs (ST)	100-1000 lbs (SU)	
DC181L-10	10 lbs/5.0 kgs	DC182L-10	10 lbs/5.0 kgs	100- 250 lbs (SS)	100-500 lbs (ST)	100-1000 lbs (SU)	
DC181L-25	25 lbs/10 kgs	DC182L-25	25 lbs/10 kgs	100- 250 lbs (SS)	100-500 lbs (ST)	500-1000 lbs (SU)	
DC181L-50	50 lbs/25 kgs	DC182L-50	50 lbs/25 kgs	500-1000 lbs (ST)	500-1000 lbs (SU)	1000-25000 lbs (SPL)	
Platform Sizes:				• SS, 13" X 17"	• ST, 17" X 21"	• SU, 24" x 28"	• SPL, 3' x 3' - 6' X 8'
DC-180 Series Scales can be supplied in different weight units or with special platform sizes as needed.							
Two Channel DC-182 with built in scale will operate remote platforms with up to 4 load cells.							

**DC-180 Series Applications:**

- Receiving - Get a true count of parts as they are received and save money. Don't pay for missing parts!
- Stockroom - Prevent overages and shortages to the production floor. Save time and money by precise control.
- Production - Eliminate excess pieces or costly short run set-ups for missing parts.
- Quality Control - Precision packing, no wasted time hand counting. Your image as a supplier is enhanced.
- Shipping - Give your customer exactly what they ordered. Excess shipments and rework set-ups are eliminated.

**Specifications:**

**General**

Weight Display Resolution 1/10,000, 1/5,000, 1/2,500  
 Counting Resolution 1/500,000  
 Weighing Accuracy 0.02%  
 Power AC 115 50/60 Hz 18W  
 Battery, 12V 3.5A (Optional)  
 Dimensions 12(W) X 11.6(D) X 4.5(H) inches  
 304(W) X 295(D)X 115(H) mm  
 Net Weight 10.1 lb / 4.6 kg  
 Connector Amphenol 14 pin, (Remote Platform)

**Digital Section**

Weight display 5 digits  
 Unit Weight display 5 digits  
 Quantity display 6 digits  
 Setpoint data Setpoint 1 Quantity or Weight, 5 digits  
 Setpoint 2 Percentage, 3 digits

**Analog Section**

Input sensitivity 0.4 mV/V thru 4.0 mV/V  
 Zero adjust range +/- 127% FS  
 External load cell excitation 12VDC

**DIGI MATEX, INC.**

Visit our website at [www.digimatex.com](http://www.digimatex.com)

80 Oak Street  
 Tel: 201-784-3400

Norwood, NJ 07648  
 Fax: 201-784-3770

