

# DC-190

HIGH RESOLUTION  
COUNTING SCALE



**RICE LAKE**  
WEIGHING SYSTEMS

Commitment Beyond Measurement®




**the DC-190 is one in a million.**

Highest **True 1/1,000,000 internal resolution means more than amazing accuracy...**

# Precision

The DC-190 is all about making it easier—and more affordable—to achieve the kind of versatile performance you need to improve your bottom line. With a counting resolution of 1/1,000,000, you can process a far wider range of piece sizes with just one scale. That's versatility you can't afford to do without.





# With so many standard feature



## They say nobody's perfect. Allow us to disagree.

The DC-190 is loaded with user-friendly features designed to help operators achieve perfect results, and get them faster than ever before. For instant data recognition, three vibrant VFD displays allow operators to view weight, unit weight and quantity simultaneously. The 10-piece default sampling setting and accuracy enhancement feature relieves users from counting out large samples. With a choice of weight/1,000 or average piece weight (A.P.W.) display, operators can always work in the mode that's most familiar to them. And while the DC-190 has infinite power to handle the most complex operations, most counting tasks will be accomplished with the touch of a single button.

The .  
Easiest,

## Rugged, lightweight portability designed to fit any application.

From permanent installations to seasonal rentals, the DC-190 is always the right solution. And for operations that don't require concurrent tasks, the DC-190 is light, tough and easy to set up for shuttling throughout the plant. Working in limited spaces or just want to keep the display out of harm's way? The indicator can be detached from the base and mounted on a pole. No power where you need it? The optional internal rechargeable battery provides hours of portable counting power.

It's never been easier to enhance productivity throughout your operation.



*Modular design allows remote mounting of display to optional pole kit.*

*Six feet of cable standard with handy wrap brackets under scale.*

Most  
Versatile,



# DC-190 Series

## simply not an option.



unit weights based on scale capacity.



90 helps operators get it right every time.



## Most Powerful

**Automate inventory management with built-in 200-item recall, bar code and network capabilities.**

From undercounts to costly overages, inaccurate information is not an option in today's business climate. The DC-190 offers a variety of innovative features to improve accuracy and streamline any operation. The 200-item recall memory allows operators to store ID numbers, part numbers, piece weights, tare weights, lot numbers and inventory balance. For further expandability, the built-in PC interface makes it easy to integrate with existing IT processes.

Operators can also program up to six setpoints based on weight, quantity, % weight or % quantity. Three standard RS-232 serial ports speed up any counting operation with the addition of a bar code laser or pen scanner to eliminate manual entry errors and quickly recall stored data. For instant documentation, add a label, ticket or tape printer for on-the-spot recording of your data.



## Scale In Its Class.

DC-190... the counting machine you've been waiting for. From basic filling jobs to the most complex inventory management systems, the DC-190 has introduced an entirely new concept in counting solutions. Powerful yet simple, sophisticated yet friendly.

It's a concept developed specifically for the future of your business, offering more built-in capabilities for less investment than you ever thought possible.



# es, spending more is simply n

All data displayed simultaneously on 3 large, bright VFD displays

Simple prompting aids training and reduces operator error

Easy toggling from one scale to another



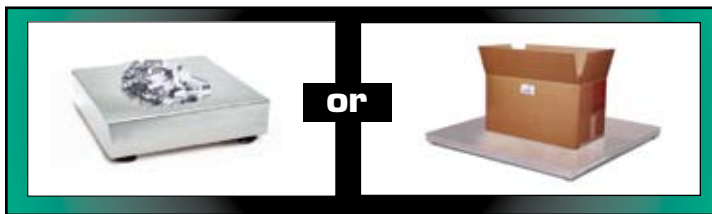
The DC-190 lets you know the accuracy percentage of unit weights based on scale capacity.



Proper sampling is critical to accurate results. The DC-190 helps operators get it right every time.

## Endless capacity range and system versatility with 4 inputs standard.

Simply stated, the DC-190 gives you more for less. From tiny resistors to heavy engine parts, the DC-190 comes out of the box ready to count anything in your operation. For the smallest pieces, take full advantage of the DC-190's amazing 1/1,000,000 internal resolution with the dual platter system. For heavy capacity applications, plug in a bench scale, floor scale—or both—and process bulk containers up to 50,000 lbs!



# PO

## Automate with built-in and ne

From undercounts to costly overcounts, the DC-190 offers a wide range of solutions for any operation. The 200-item recall, piece weights, tare weights, lot numbers, and built-in PC interface makes it easy to integrate with your existing systems.

Operators can also program up to 200 items based on weight, quantity, % weight, or quantity. Three standard RS-232C ports speed up any counting operation with the addition of a bar code reader, laser or pen scanner to eliminate manual entry errors and quickly recall stored data. For instant documentation, add a label, ticket or tape printer for on-the-spot recording of your data.

### OPTIONS/ACCESSORIES

- Bench scales
- Tape, ticket and label printers
- Bar code scanners
- Floor scales



For more information on DC-190 peripherals and our full line of counting and process control weighing equipment, visit us online to request literature, download data sheets, or request a quote.

[www.ricelake.com](http://www.ricelake.com)

### SPECIFICATIONS

DISPLAY.....	Weight: five-digits Quantity: seven-digits	Unit Weight: five-digits
DISPLAY RESOLUTION.....	2500 to 10,000	
INTERNAL RESOLUTION.....	1,000,000	
POWER SOURCE.....	115 VAC, 50/60 Hz	
INPUT SENSITIVITY.....	0.4-4.0 mV/V	
ZERO ADJUST RANGE.....	100% full scale	
A/D CONVERSION RATE.....	10 times per second	
LOAD CELL EXCITATION.....	12 VDC	
MEMORY ITEMS.....	200 items maximum	
LOAD CELL INPUT CONNECTOR.....	Amphenol 14-pin	
BAR CODE SCANNER CONNECTOR.....	DIN 8-pin (RS-232)	
PC OR BAR CODE		
PRINTER CONNECTOR.....	DIN 8-pin (RS-232) or D-sub 9-pin (RS-232)	
SETPOINT OUTPUT CONNECTOR.....	Mini DIN 8-pin (24V open collector)	
OPERATING TEMPERATURE.....	14° F to 104° F (-10° C to 40° C)	
DIMENSIONS.....	Pole type: 16.5" L x 16.4" W x 17.9" H (419 mm L x 416 mm W x 454 mm H) Bench type: 17.1" L x 16.4" W x 4.9" H (434 mm L x 416 mm W x 124 mm H)	
ESTIMATED SHIPPING WEIGHT.....	Pole type: 19.4 lb (8.8 kg) Bench type: 17.6 lb (8 kg)	
WARRANTY.....	2-year limited warranty	

### DESCRIPTION RESOLUTION PLATTER

#### SINGLE PLATFORM (S-XL); 4 CHANNEL SYSTEM


DC-190, 1lb.....	0.0001 lb.....	6" x 8"
DC-190, 2.5 lb.....	0.0002 lb.....	7" x 10"
DC-190, 5 lb.....	0.0005 lb.....	11" x 16"
DC-190, 10 lb.....	0.001 lb.....	11" x 16"
DC-190, 25 lb.....	0.002 lb.....	11" x 16"
DC-190, 50 lb.....	0.005 lb.....	11" x 16"
DC-190, 100 lb.....	0.01 lb.....	11" x 16"

#### DUAL PLATFORM (S-XD); 4 CHANNEL SYSTEM

DC-190, 1/10 lb.....	0.0001/0.001 lb.....	4" x 6/9" x 12"
DC-190, 1/25 lb.....	0.0001/0.002 lb.....	4" x 6/9" x 12"
DC-190, 1/50 lb.....	0.0001/0.005 lb.....	4" x 6/9" x 12"
DC-190, 2.5/25 lb.....	0.0002/0.002 lb.....	4" x 6.9" x 12"
DC-190, 2.5/50 lb.....	0.0002/0.005 lb.....	4" x 6/9" x 12"



Parts

Part ID Code: 19	Customer and Supplier Customer: Rice Lake Weighing Systems	Picture  Drop/Select Picture Delete Picture
Alt. Part Number: 199999999	Supplier: Condec	
Alt. Part Number 2: KBG19777	Activity Date Entered: 3/21/2005	
Part Name: Screw	Last Date Accessed: 3/21/2005	
Lot Number: 10101		
Inventory and Reordering Inventory: 1000	Weight Unit Weight Per 1000: 0.0227	
Location: 1010AB00	Tare Weight: 0	
Threshold: 25	User Fields User Field 1:	
Lead Time (Days): 0	User Field 2:	
Std Batch/Pack Qty: 0	User Field 3:	
Cost: 0.00	User Field 4:	
Total Value:	User Field 5:	

Part: Search Save Cancel Delete Close

DIGI's Inventory Management System (IMS) is a comprehensive software package that stores and manages data on your PC. With the DC-190 Series you can create custom reports for inventory, threshold, location and more. It is designed for operators with minimal computer experience and managers who require quick and accurate information. Scales can be added or moved on-the-fly without interrupting other scales operating on the network. IMS is the solution for real-time inventory management.

For information on inventory control using bar coding, refer to the white paper at [www.ricelake.com](http://www.ricelake.com).

Your Rice Lake Weighing Systems distributor is:



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