DC-190

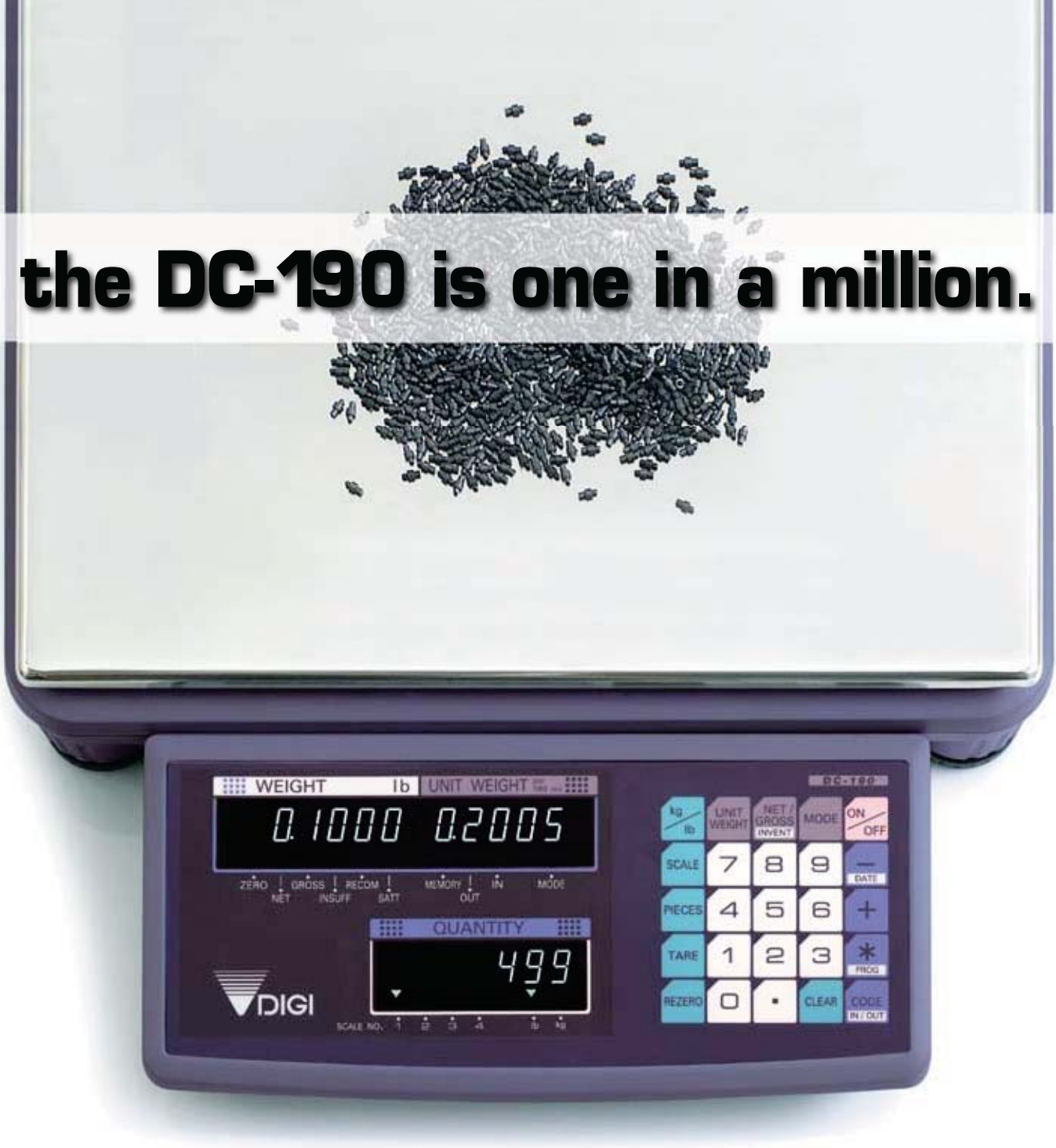
HIGH RESOLUTION COUNTING SCALE

DIGI

RICE LAKE WEIGHING SYSTEMS

Commitment Beyond Measurement®

the DC-190 is one in a million.



Highest Precision

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

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.

DIGI®
When Accuracy Counts

With so many standard features,

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,

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

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

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.

Most Versatile,

es, spending more is simply not an

All data displayed simultaneously on 3 large, bright VFD displays

Simple prompting aids training and reduces operator error

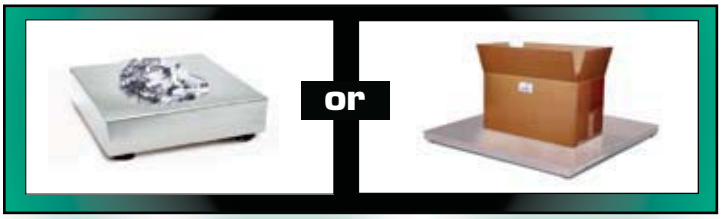
Easy toggling from one scale to another

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 <u>standard</u>.

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!



Most Power

Automate inventory m with built-in 200-item re and network capa

From undercounts to costly overages, inaccurate informatio climate. The DC-190 offers a variety of innovative features any operation. The 200-item recall memory allows operator piece weights, tare weights, lot numbers and inventory ba built-in PC interface makes it easy to integrate with existin

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.

DC-190 Series

n option.

rful

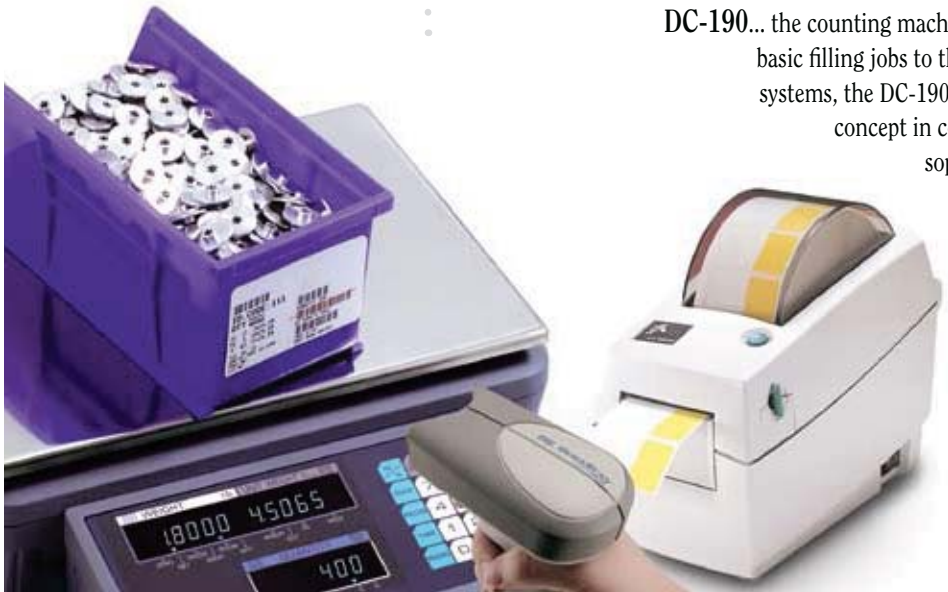
management recall, bar code abilities.

tion is not an option in today's business es to improve accuracy and streamline ors to store ID numbers, part numbers, balance. For further expandability, the ing IT processes.

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.



DIGI
When Accuracy Counts

HIGH RESOLUTION COUNTING SCALES
DC-190 Series

OPTIONS/ACCESSORIES

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

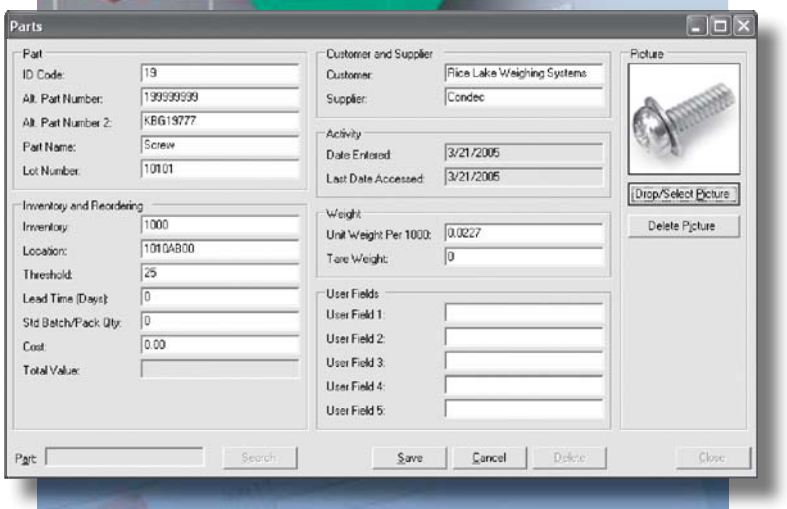
For more information on DC-190 peripherals and our full line of counting and process control weighing equipment, visit us online to request literature, download data sheets, or request a quote.

www.ricelake.com

SPECIFICATIONS

DISPLAY	Weight: five-digits Unit Weight: five-digits Quantity: seven-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"



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.

RCS Rabbit Control Systems
Automation & Control Engineering

Regional Distributor

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ISO 9001 REGISTERED