

DC-190 Series

Counting Scales



Model DC-192D Series

Total Flexibility and Versatility!
The DC-190 Series assures high performance
in all applications.

The DC-190 Series completely satisfies all application requirements.

- 1/1,000,000 internal resolution
- AC/Battery operation
- 200 part number memory expandable with built in Inventory Software interface
- Bar code label printer output
- Laser or pen bar code reader input

Three large fluorescent displays



DC-192D Series

lb/kg weight display conversion

Free style flexibility to meet all your requirements.

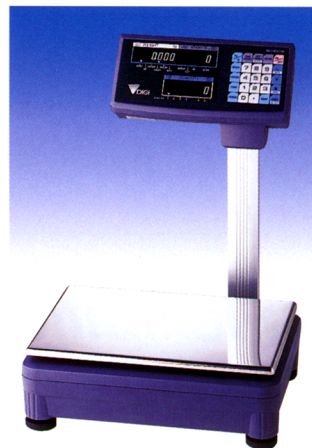
Unique flexibility as required for the industrial environment. Select from a variety of bench, pole and wall mount or remote use configurations suitable to any application. With built-in single or dual scales and up to two remote scale platforms



DC-191 Series



DC-192D Series



DC-191P Series



DC-191 Wall Mount

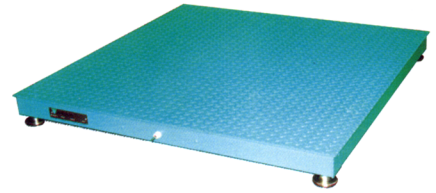
DC-190 Series

Counting Scales

Built-in standard expansion features include

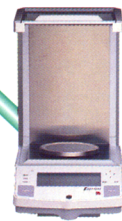
- Three RS-232 Ports
- Multi-mode setpoint output, (6 setpoints)

Four scale channels including three load cell scales and a sample balance scale



DC-192 Series

Note: a wide range of capacities, 200g up to 50,000 lbs.



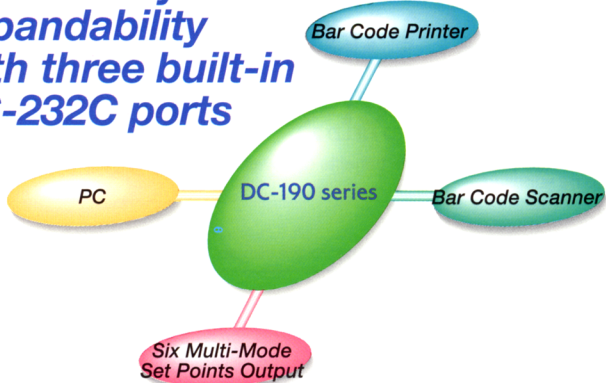
Sample Balance



Recall memory data using optional Bar Code Scanner



Standard system expandability with three built-in RS-232C ports



Peripherals



Bar Code Scanner



Bar Code Label Printer



Lab Balance

DC-190 Models:

A wide range of models are available to meet all requirements. The DC-190 has three basic types: Bench, Pole and Console (wall mount). The basic bench and pole type are either single or dual platform style, and can be expanded with external remote platforms up to four channels.

DC-190 Indicator Console. *The indicator can be configured in three modes with a variety of platforms and capacities.*

Model	Configuration
Bench Style	With single and dual attached platforms and / or remote platforms
Pole Style,	With single and dual attached platforms and / or remote platforms.
Wall Mounted	With single, dual or multiple remote platforms.

Single Channel with attached S-XL single platform. *(Also available with optional pole assembly)*

Model	Platform	Weighing Resolution	Internal Resolution	Platter Dimensions
DC-190 S-XL 0.5	SX-L-0.5	0.0001 lbs.	0.0000005 lbs.	6"×8"
DC-190 S-XL 1.0	SX-L-1.0	0.0001	0.000001	6"×8"
DC-190 S-XL 2.5	SX-L-2.5	0.0002	0.0000025	7"×10"
DC-190 S-XL 5.0	SX-L-5.0	0.0005	0.000005	11"×16"
DC-190 S-XL 10	SX-L-10	0.001	0.00001	11"×16"
DC-190 S-XL 25	SX-L-25	0.002	0.000025	11"×16"
DC-190 S-XL 50	SX-L-50	0.005	0.00005	11"×16"
DC-190 S-XL 100	SX-L-100	0.01	0.0001	11"×16"

Two Channel with attached S-XD dual platform. *(Also available with optional pole assembly)*

Model	Platform	Weighing Resolution	Internal Resolution	Platter Dimensions	Platter Dimensions
DC-190 S-XD 0.5 / 10	SX-D-0.5 / 10	0.0001 / 0.001 lbs.	0.0000005 / 0.00001 lbs.	4"×6"	9"×12"
DC-190 S-XD 0.5 / 25	SX-D-0.5 / 25	0.0001 / 0.002	0.0000005 / 0.000025	4"×6"	9"×12"
DC-190 S-XD 0.5 / 50	SX-D-0.5 / 50	0.0001 / 0.005	0.0000005 / 0.00005	4"×6"	9"×12"
DC-190 S-XD 1 / 10	SX-D-1 / 10	0.0001 / 0.001	0.000001 / 0.00001	4"×6"	9"×12"
DC-190 S-XD 1 / 25	SX-D-1 / 25	0.0001 / 0.002	0.000001 / 0.000025	4"×6"	9"×12"
DC-190 S-XD 1 / 50	SX-D-1 / 50	0.0001 / 0.005	0.000001 / 0.00005	4"×6"	9"×12"
DC-190 S-XD 2.5 / 25	SX-D-2.5 / 25	0.0002 / 0.002	0.0000025 / 0.000025	4"×6"	9"×12"
DC-190 S-XD 2.5 / 50	SX-D-2.5 / 50	0.0002 / 0.005	0.0000025 / 0.00005	4"×6"	9"×12"

Typical Second, Third and Fourth Channel remote platforms configured with the above.

Model	Platform	Weighing Resolution	Internal Resolution	Platform Dimensions
S-SL	S-SL-50	0.005 lbs.	0.00005 lbs.	13"×17"
S-SL	S-SL-100	0.01	0.0001	13"×17"
S-SL	S-SL-250	0.02	0.00025	13"×17"
S-TL	S-TL-100	0.01	0.0001	17"×21"
S-TL	S-TL-250	0.02	0.00025	17"×21"
S-TL	S-TL-500	0.05	0.0005	17"×21"
S-TL	S-TL-1000	0.1	0.001	17"×21"
S-UL	S-UL-100	0.01	0.0001	24"×28"
S-UL	S-UL-250	0.02	0.00025	24"×28"
S-UL	S-UL-500	0.05	0.0005	24"×28"
S-UL	S-UL-1000	0.1	0.001	24"×28"
S-PL Series Platforms	S-PL-1K, 2.5k, 5K, 10K, 25K, 50K (diamond thread deck)			3"×3" through 6"×8"

S-PL Models, Ramps, Pit Style, Stainless Steel and Special Dimensions Can Be Provided As Required.

Optional INVENTORY MANAGEMENT SYSTEM SOFTWARE

DIGI IMS is an easy to use PC based inventory control software used to expand the DC-190 memory to an unlimited number of item codes. IMS communicates directly with the DC-190 and other system scales. Operation is from the scale keyboard and up to 64 mixed scale stations can be linked. Every scale becomes an active workstation providing real time data of all part movements, in or out. IMS provides a full complement of reports and also interfaces with other factory automation systems. Perpetual tracking eliminates costly periodic labor intensive physical inventory.

EACH INDIVIDUAL PART NUMBER RECORD INCLUDES:

PART NUMBER	TARE WEIGHT	STORAGE LOCATION	ALTERNATE PART NO.	QUANTITY ON HAND
CUSTOMER NAME	UNIT WEIGHT	LOT NUMBER	SUPPLIER NAME	PART VALUE
TOTAL VALUE	MEMO FIELD	RE-ORDER POINT	USER DEFINED FIELD 1	USER DEFINED FIELD 2

DIGI IMS is a real time solution to reduce errors and to have instant verification of inventory status. IMS provides all the benefits of Lower Inventory Carrying Costs, Increased Employee Productivity, and Improved Product Quality. Customized versions can also be supplied.

Specifications

General

Weight display resolution	1/10,000, 1/5,000, 1/2,500
Counting resolution	1/1,000,000
Power source	AC100~120V, 220~240V, 50/60Hz
Power consumption	20W
Operating temperature	14F°~104F°, (-10C°~40C°)
Operating humidity	10%~80%RH
Physical dimensions	Pole type: 16.4(W)×16.5(L)×17.9(H) inches Bench type: 16.4(W)×17.1(L)×4.9(H) inches
Net weight	Pole type: 19.4 lbs. Bench type: 17.6 lbs.

Analog section

Input sensitivity	0.40~4.00mV/V
Zero adj. Range	100% FS
A/D conversion rate	10 times per second
Load cell excitation	12V DC
Number of scale channels	up to four scales can be connected (3 load cell scales and one lab balance scale)
Number of loadcells per scale	4×350 ohm loadcells

Digital section

Weight display	5 digits
Unit weight display	5 digits
Quantity display	7 digits
Memory items	200 items, expandable with IMS software
Programmable per item	Item code No. (16 characters), Parts No. (12 or 16 characters), Parts name (20 characters), Tare weight (5 digits), Unit weight (5 digits), Inventory (8 digits), Up to six set point data

Connectors on Rear Panel

1. Loadcell input — Amphenol 14-pin
2. Bar Code Scanner — Din 8 Pin (RS-232C) (Pen or Laser scanners)
3. Lab Balance, PC or Bar Code Label Printer — Din 8 Pin (RS-232C) or D-Sub 9 Pin (RS-232C)
4. Setpoint output: — Mini Din 8 Pin (24V Open Collector)

Peripherals

Bar Code Scanner
Bar Code Label Printer
Lab Balance
DIGI scale platforms for remote operation — DIGI scale platforms are ready to respond to your toughest requirements, with a wide variety of capacities and sizes consisting of five different models (S-A, S-S, S-T, S-U and S-P)

Please contact your nearest DIGI distributors for further information on peripheral devices.

**Specifications are subject to change without notice.*

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