

Signum Bench Scales

Quick delivery on pre-configured scales



Signum pre-configured scales incorporate the most popular weighing options with off-the-shelf availability. A broad range of capacities and readabilities provide a near custom fit for your specific application. All Signum scales are shipped complete with base and indicator attached, simply plug in, turn on and begin weighing.

Consider these standard attributes:

- ① All metal housings and indicators with IP65 washdown protection included.
- ① Industry standard serial interface plus optional process controls including Modbus TCP, 4-20 mA and Profibus DP are available.
- ① Laboratory balance accuracy down to 0.01 gram with weigh cell destructive protection up to 300 kg. Bench model configurations from 3 to 65 kg capacity.
- ① Multiple external base connections provide for laboratory balances and digital bases up to 300 kg capacity.

Pre-configured Specifications



Application Level 1

- RS 232 interface
- Attached or remote indicator
- Stainless platform
- 300 kg overload protection
- Multiple weight conversions
- Data transfer / formatting
- ISO test (calibration documentation)
- Dust and water protection



BBP Cast Aluminum Housing



DCP Cast Aluminum Housing

Complete Scales - Application Level 1

Model Number - IP 65	Capacity kg	Readability grams	Reproducibility grams (<±)	Non-linearity grams (<±)	Calibration Weight kg		Weighing Platform in.	Shipping Weight lb.
					Default	Optional		
SIWSBBP-V16	3	0.01	0.01	0.02	2.0	2.0 - 3.0	7.1 x 7.1	17
SIWRDCP-V6	3	0.1	0.2	0.3	2.0	2.0 - 3.0	13.7 x 9.5	29
SIWSBBP-V17	6	0.01	0.01	0.02	5.0	2.0 - 6.0	7.1 x 7.1	17
SIWRDCP-V7	6	0.2	0.2	0.4	5.0	2.0 - 6.0	13.7 x 9.5	29
SIWADCP-V3	7	0.1	0.2	0.3	5.0	2.3 - 7.0	13.7 x 9.5	29
SIWRDCP-V8	15	0.5	0.2	0.8	5.0	5.0 - 15.0	13.7 x 9.5	29
SIWSDCP-V18	16	0.1	0.2	0.2	10.0	5.3 - 16.0	13.7 x 9.5	29
SIWADCP-V24	16	0.2	0.4	0.6	5.0	5.0 - 16.0	13.7 x 9.5	29
SIWSDCP-V19	35	0.1	0.2	0.2	10.0	10.0 - 35.0	13.7 x 9.5	29
SIWADCP-V25	35	0.5	1.0	1.5	10.0	10.0 - 35.0	13.7 x 9.5	29
SIWRDCP-V9	35	1.0	1.0	1.5	10.0	10.0 - 35.0	13.7 x 9.5	29
SIWRDCP-V10	60	2.0	2.0	2.0	20.0	20.0 - 60.0	13.7 x 9.5	29

Model Number - IP 43	Capacity kg	Readability grams	Reproducibility grams (<±)	Non-linearity grams (<±)	Calibration Weight kg		Weighing Platform in.	Shipping Weight lb.
					Default	Optional		
SIWRDCP-V40	3	0.1	0.2	0.3	2.0	2.0 - 3.0	13.7 x 9.5	29
SIWRDCP-V41	6	0.2	0.2	0.4	5.0	2.0 - 6.0	13.7 x 9.5	29
SIWADCP-V40	7	0.1	0.2	0.3	5.0	2.3 - 7.0	13.7 x 9.5	29
SIWRDCP-V42	15	0.5	0.2	0.8	5.0	5.0 - 15.0	13.7 x 9.5	29
SIWADCP-V41	16	0.2	0.4	0.6	5.0	5.0 - 16.0	13.7 x 9.5	29
SIWRDCP-V43	35	1.0	1.0	1.5	10.0	10.0 - 35.0	13.7 x 9.5	29
SIWADCP-V42	35	0.5	1.0	1.5	10.0	10.0 - 35.0	13.7 x 9.5	29
SIWADCP-V43	65	1.0	2.0	3.0	20.0	20.0 - 60.0	13.7 x 9.5	29



Application Level 3

- All items in level 1 PLUS
- 0-9 keypad
- Lot number and header ID's
- Multi-base connection
- Parts counting
- Percentage weighing
- Vibration averaging
- Checkweighing / sorting
- Date and time
- Application data recall
- Product data memory
- Digital tare input



DCP Cast Aluminum Housing

Complete Scales - Application Level 3

Model Number - IP65	Capacity kg	Readability grams	Reproducibility grams (<±)	Non-linearity kg (<±)	Calibration Weight kg		Weighing Platform in.	Shipping Weight lb.
					Default	Optional		
SIWRDCP-V20	6	0.2	0.2	0.4	5.0	2.0 - 6.0	13.7 x 9.5	29
SIWADCP-V4	7	0.1	0.2	0.3	5.0	2.3 - 7.0	13.7 x 9.5	29
SIWRDCP-V21	15	0.5	0.2	0.8	5.0	5.0 - 15.0	13.7 x 9.5	29
SIWADCP-V5	35	0.5	1.0	1.5	10.0	10.0 - 35.0	13.7 x 9.5	29
SIWRDCP-V22	35	1.0	1.0	1.5	10.0	10.0 - 35.0	13.7 x 9.5	29
SIWRDCP-V23	60	2.0	2.0	2.0	20.0	20.0 - 60.0	13.7 x 9.5	29
SIWADCP-V6	65	1.0	2.0	3.0	20.0	30.0 - 65.0	13.7 x 9.5	29

Optional Interfaces

BBP Scales (small base)	Part Number
2nd RS232	YDO03SW-232
RS485/RS422	YDO03SW-485/422
Digital I/O - 5 inputs and outputs	YDO03SW-DIO
4-20 mA analog output	YDO03SW-AO
Profibus DP	YDO03SW-DP
Ethernet TCP/IP and Modbus DCP	YDO03SW-ETH

DCP Scales (large base)	Part Number
2nd RS232	YDO01SW-232
RS485/RS422	YDO01SW-485/422
Digital I/O - 5 inputs and outputs	YDO01SW-DIO
4-20 mA analog output	YDO01SW-AO
Profibus DP	YDO01SW-DP
Ethernet TCP/IP and Modbus DCP	YDO01SW-ETH

The technical data given serves as a product description only and should not be understood as guaranteed properties in the legal sense.

Specifications subject to change without notice. Rev.5/19

Minebea Intec USA, Inc.
1180 Lincoln Ave.
Holbrook, NY 11741
Phone 866-963-8587
www.minebea-intec.com