

Versatile.

Rugged.

Affordable.

Ohaus Champ[™] Bench Scales

Superior performance and unbeatable value combine to make Ohaus Champ Bench Scales the preferred choice for your application *and* your budget.



General Purpose Bench Scales

(BP/BS SERIES)

Ohaus General Purpose Bench Scales are the ideal choice for shipping and other general

weighing applications.

Whether your needs are

for commercial legal-for-trade

weighing, warehousing or incoming goods, you can count on these extremely affordable scales to deliver NTEP certified performance in a simple, easy to use, battery operated unit.



General Purpose Bench Scales

(DS SERIES)

You won't find a better bench scale for the money that can meet the demands of multiple applications in



industrial markets. The large, easy to read LCD display and one button operation of our DS Series make weighing oversized or awkward containers a breeze. All models have low profile bases to minimize lifting, and battery operation provides unlimited versatility.



General Purpose Bench Scales (BP/BS Series)

Painted Steel Models Stainless Steel Models	B10P05 B10S05	B25P05 B25S05	B50P05 B50S05	B100P05 B100S05	B150P05 B150S05	B250P05 B250S05
Capacity	kg 10	25	50	100	150	250
Readability (Non type approved)	kg 0.001	0.002	0.005	0.01	0.01	0.02
Readability* (Type approved)	kg 0.005	0.01	0.02	0.05	0.1	0.1
Weighing modes†	lb, kg, oz, g					
Repeatability (Std. dev.) ††	±0.01%					
Operating temperature range	0° to 40°C (Non type approved)					
Power requirements	AC adapter: 100, 120, 220, 240 V ac, 50/60 Hz					
Battery requirements	6 alkaline "C" batteries					
Typical battery charge duration (w/out RS232)	125 hours					
Scale base size (WxDxH) (cm)	30 x 30 x 8.6		45 x 45 x 9.1		60 x 60 x 14.8	
Scale base construction	P models - painted steel / S models - stainless steel					
Platform	Painted aluminium			Painted steel		
Frame	Painted steel					
Display (cm)	LCD (1.5 high)					

* In type approved applications, readability is limited to Capacity/n_{max}.

† User selectable.

†† Specifications are given as a percent of the rated load.

General Purpose Bench Scales (DS Series)

Model	DS4	DS10	DS10L	DS20L	DS44L
Capacity	kg 20	50	50	100	200
Readability (Non type approved)	kg 0.01	0.02	0.02	0.05	0.1
Weighing modes†	lb, kg				
Repeatability (Std. dev.) ††	±0.15%				
Operating temperature range	10° to 40°C				
Power requirements	AC adapter/charger: 120 V ac 60 Hz; 220, 240 V ac, 50 Hz (included)				
Battery requirements	Built-in rechargeable NiCad pack				
Typical battery charge duration	8 hours				
Scale base size (WxDxH) (cm)	31 x 27.4 x 3.6		52.1 x 40 x 6.9		
Scale base construction	Stainless steel		Painted steel		
Platform	Stainless steel		Painted steel		
Frame	Painted steel				
Display (cm)	LCD (2 high)				

† User selectable.

†† Specifications are given as a percent of the rated load.

Multi-Functional Bench Scales

A unique combination of precision and versatility makes this series of user bench scales for weighing in models in the series have multiple weighing modes, including parts counting and custom units, so you can design the scale to meet your exact requirements. Plus, with an RS232 bidirectional interface, NTEP certification and battery operation, these scales offer the versatility to meet a variety of application needs.



Washdown Bench Scales

The more demanding your environment, the more you need a scale that's as tough and dependable as our water washdown bench scales. That's why every one of our superior models provides rugged, stainless steel construction; multiple, user programmable weighing modes including over-under tolerance limits; and backlit LCD displays to aid in reading results. They also offer NTEP certification, an RS232 bi-directional interface, and battery operation to make them the ultimate process-weighing application tool.



Multi-Functional Bench Scales

Model	B10S10	B25S10	B50S10	B100S10	B150S10	B250S10
Capacity	kg 10	25	50	100	150	250
Readability (Non type approved)	kg 0.0005	0.001	0.002	0.005	0.005	0.01
Readability* (Type approved)	kg 0.002	0.005	0.01	0.02	0.05	0.05
Weighing modes †	lb, kg, parts counting, custom unit					
Repeatability (Std. dev.) ††	±0.01%					
Operating temperature range	0° to 40° C (Non type approved)					
Power requirements	AC adaptor: 100, 120, 220, 240 V ac, 50/60 Hz					
Battery requirements	6 alkaline or NiCad rechargeable "C" batteries					
Typical battery charge duration (w/out RS232)	alkaline - 200 hours/NiCad - 80 hours					
Scale base size (WxDxH) (cm)	30 x 30 x 8.6		45 x 45 x 9.1		60 x 60 x 14.8	
Scale base construction	Stainless steel					
Platform	Stainless steel					
Frame	Painted aluminium		Painted steel			
Display (cm)	LCD (1.5 high)					

* In Type approved applications, readability is limited to Capacity/n_{max}.

† User selectable.

†† Specifications are given as a percent of the rated load.

Washdown Bench Scales**

Model	B10AS20	B25AS20	B50AS20	B100AS20	B150AS20	B250AS20
Capacity	kg 10	25	50	100	150	250
Readability (Non type approved)	kg 0.0005	0.001	0.002	0.005	0.005	0.01
Readability* (Type approved)	kg 0.002	0.005	0.01	0.02	0.05	0.05
Weighing modes †	lb, kg, lb:oz, over/under					
Repeatability (Std. dev.) ††	±0.01%					
Operating temperature range	0° to 40°C (Non type approved)					
Power requirements	AC adaptor: 100, 120, 220, 240 V ac, 50/60 Hz					
Battery requirements	6 alkaline or NiCad rechargeable "C" batteries					
Typical battery charge duration (w/out RS232)	alkaline - 100 hours/NiCad - 40 hours					
Scale base size (WxDxH) (cm)	30 x 30 x 8.6		45 x 45 x 9.1		60 x 60 x 14.8	
Scale base construction	Stainless steel					
Platform	Stainless steel					
Frame	Stainless steel					
Display (cm)	Backlit LCD (1.5 high)					

* In Type approved applications, readability is limited to capacity/n_{max}.

† User selectable.

†† Specifications are given as a percent of the rated load.

** Additional models available with stainless steel load cells for use in harsh environments.

Optional Accessories

RS232 interface cable, printer and printer cable available for all except DS models, RS232 interface kit for general purpose B series models. Stainless or polypropylene scoop available for all models.

Simple To Order

Contact your dealer for product availability as well as warranty information.

ISO 9001

The ISO 9001 certification of our Quality Management System represents a confirmation of the commitment to quality that Ohaus has made for over 87 years. Worldwide, it assures our customers of quality in the design, development, production, sales and servicing of Ohaus weighing and measuring equipment.

Ohaus Corporation

* 29 Hanover Road
Florham Park, NJ 07932 USA
Tel: (973) 377-9000
Fax: (973) 593-0359

MEXICO

Tel: +52-5-586-4905, 52-5-752-5746
Fax: +52-5-754-7024

JAPAN

Tel: +81-6-949-5922
Fax: +81-6-949-5946

KOREA

Tel: +822 551 2735
Fax: +822 551 2720

** ENGLAND

Tel: +44(0) 1954 251343
Fax: +44(0) 1954 250205

With other offices in Germany, France, Spain, Italy, and Poland.

* ISO 9001

Registered Quality Management System

** ISO 9002

Registered Quality Management System

INTERNET ADDRESS: www.ohaus.com




Standard Features

Series	General Purpose		Multi-Functional	Washdown
	BP/BS Series	DS Series		
NiCad battery operation	-	S	0	0
RS232 bidirectional interface	0	-	S	S
Adjustable averaging levels	S	-	S	S
Auto-zero tracking	S	-	S	S
Net/gross function	-	-	S	S
Auto-off timer	S	-	S	S
Selectable re-zero limit	S	-	S	S
Retain zero data	S	-	S	S
Selectable calibration	S	-	S	S
Selectable graduations	S	-	S	S
Indicator housing	Anodized aluminum/ Impact resistant plastic		Impact resistant plastic	

s = standard, 0 = optional, - = not available

Optional Accessories	Part Number	Bench Scale Compatibility
*Tower Accessory Kit – 76.2 cm painted aluminium/steel	77689-02	General Purpose – B series/ Multi-Functional / Washdown
*Tower Accessory Kit – 76.2 cm stainless steel	78177-01	General Purpose – B series/ Multi-Functional / Washdown
Tower Accessory Kit	77627-01	DS4/DS10
Tower Accessory Kit	77627-02	DS10L/DS20L/DS44L
Wall Mount Accessory Kit – painted steel	77688-01	General Purpose – B series/ Multi-Functional / Washdown
Wall Mount Accessory Kit – stainless steel	76972-00	General Purpose – B series/ Multi-Functional / Washdown
Base Mount Accessory Kit – painted steel	78187-01	General Purpose – B series/ Multi-Functional / Washdown
Base Mount Accessory Kit – stainless steel	78187-02	General Purpose – B series/ Multi-Functional / Washdown
NiCad Rechargeable Battery Accessory Kit	77015-00	Multi-Functional / Washdown
RS232 Interface Accessory Kit	77694-01	General Purpose – B series

*Adjustable height and angle

Indicator I10/I20W type approval	 NIST HB44 Class III/IIIL n _{max} 10000 NTEP No. 88-081A1	0° to 40°C
Indicator I5S type approval	 NIST HB44 Class III/IIIL n _{max} 5000 NTEP No. 93-112A1	10° to 40°C
Champ scale base type approval	 NIST HB44 Class III NTEP No. 95-151	-10° to 40°C

B150P	n _{max} 1500
B100P	n _{max} 2000
B10P, B25P, B50P, B250P	n _{max} 2500
B150S, B150AS	n _{max} 3000
B10S, B10AS, B25S, B25AS, B50S, B50AS, B100S, B100AS, B250S, B250AS	n _{max} 5000

NOTE: Type approvals are for the individual Weight Indicator and Scale Base components and apply only if the Bench Scale is set up to the maximum number of displayed divisions (n_{max}) specified above.

ELECTRICAL RATINGS (for power adapters only)

All Champ Bench Scales	100V/120V UL 1910, CSA C22.2 no.66 and 107;220V (Europe)/240V (UK) EN60950
General Purpose – B series	240V (Australian) IEC 950

