



*Shackles & indicators optional

Model	OCSD	OCSD
Type	Dynamometer	Dynamometer
Accuracy Class	OIML III	OIML III
Enclosure	Aluminum	Alloy Steel
Display	25mm LCD w/ Backlight	25mm LCD w/ Backlight
Capacity Available	1/2/3/5t	10/20/30/50/100/200t
Battery Life	50Hours	50Hours
Battery	3 x AA	3 x AA

Rated Capacity	Division	H	L	W	H1	W1	C	N.W.	SBX (shackle)
1t/2Klb	0.5kg/1lb	245mm/9.6"	112mm/4.4"	37mm/1.5"	190mm/7.5"	25mm/1.0"	20.5mm/0.8"	1.6kg/4lb	3.25t
2t/4Klb	1kg/2lb	260mm/10.2"	123mm/4.8"	37mm/1.5"	195mm/7.7"	30mm/1.2"	24mm/0.9"	2.1kg/5lb	4.75t
3t/6Klb	1kg/2lb	260mm/10.2"	123mm/4.8"	37mm/1.5"	195mm/7.7"	30mm/1.2"	24mm/0.9"	2.1kg/5lb	4.75t
5t/10Klb	2kg/5lb	285mm/11.2"	123mm/4.8"	54mm/2.1"	210mm/8.3"	34mm/1.3"	27mm/1.1"	2.7kg/6lb	6.5t
10t/20Klb	5kg/10lb	320mm/12.6"	120mm/4.7"	54mm/2.1"	230mm/9.1"	-	41mm/1.6"	10.4kg/23lb	13.5t
20t/40Klb	10kg/20lb	375mm/14.8"	128mm/5.0"	71mm/2.8"	260mm/10.2"	-	54mm/2.1"	17.8kg/39lb	25t
30t/60Klb	10kg/20lb	420mm/16.5"	138mm/5.4"	79mm/3.1"	280mm/11.0"	-	60mm/2.4"	25kg/55lb	35t
50t/100Klb	20kg/50lb	465mm/18.3"	150mm/5.9"	101mm/4.0"	305mm/12.0"	-	74mm/2.9"	39kg/86lb	55t
100t/200Klb	50kg/100lb	570mm/22.4"	190mm/7.5"	129mm/5.1"	366mm/14.4"	-	99mm/3.9"	91kg/201lb	120t
200t/400Klb	100kg/200lb	720mm/28.3"	265mm/10.4"	180mm/7.1"	440mm/17.3"	-	135mm/5.3"	210kg/463lb	Call

*Dimensions and specifications are subject to change without notice.

OCSD Series

FEATURES

- Fast resolution switching
- 25mm 5 digits LCD display w/ backlight
- Peak Hold function
- Accurate Class up to 0.1%
- 2 Programmable set-point
- Unit switch: kg / lb / t / N / kN
- Auto power-off function
- Matches with standard shackles
- Must have one of the indicators to calibrate and / or change parameters

OPTION

- Wireless Indicator (P180)
- Wireless Handheld Indicator (P380)
- Indicator / Printer (P580)
- Galvanized shackle hook (SBX)
- Score board (BD)

OCSD Series

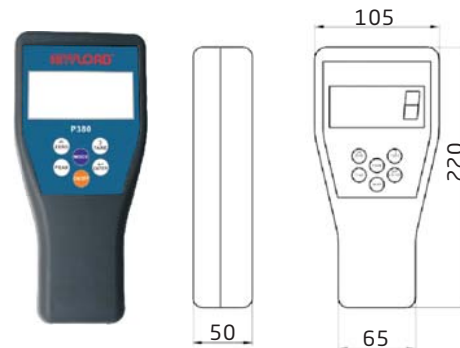
OCSD Indicator P180



FEATURES

- **Palm Size:** small size enclosure of only 28X70X90mm which is easy for carrying around
- **Wireless two way communication:** can do tare, zero scale, calibration and parameter setting
- **Display:** five 12mm high LCD digits with backlight which can show the status of battery power, tare, zero, peak and stable
- **USB Port:** equipped with USB port for easy connection and communication with PC
- **Power Supply:** power supply through USB connection or Lithium battery (included)
- **Operating Temperature:** -20°C to 60°C
- **Antenna:** concealed antenna as an integral part of the receiver
- **Updating Rate:** 12 times per second from load cell
- **Radio Frequency:** 2.4GHz wireless transmission of up to 30m distance and 128 available channels.

OCSD Indicator P380



FEATURES

- **Hand Held Size:** the enclosure is 220X105X50 and is designed for comfortable handheld operation
- **Wireless two way communication:** can do tare, zero scale, calibration and parameter setting
- **Display:** five 25mm high LCD digits with backlight which can show the status of battery power, tare, zero, peak and stable
- **Battery:** four AA size alkaline batteries can allow 50 hours continuous operation
- **Set Points:** Two user programmable Set-Points can be used for safety and warning applications, or for weighing limit
- **Operating Temperature:** -20°C to 60°C
- **Antenna:** concealed antenna as an integral part of the receiver
- **Updating Rate:** 12 times per second from load cell
- **Radio Frequency:** 2.4GHz wireless transmission of up to 30m distance and 128 available channels.

OCSD Series

OCSD Indicator

P580

DYNAMOMETER



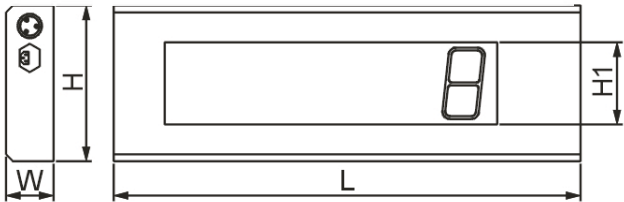
FEATURES

- **Portable Size with Printer:** the receiver is equipped with a printer and is designed for easy carrying in a leather bag provided
- **Wireless two way communication:** can do tare, zero scale, calibration and parameter setting
- **Display:** five 25mm high LCD digits with backlight which can show the status of battery power, tare, zero, peak and stable
- **Keyboard function:** can print data, time, serial number, commodity number, net weight and total weight, can take up to 16 digits heading information, and store up to 2,000 weight records
- **Battery:** equipped with a high performance, SC type industrial Ni-H battery which can be recharged for 1,000 cycles, a fully recharged battery can provide 50 hours normal operation
- **Printer:** Fujitsu FTP-680 2" high speed thermal printer
- **CPU:** ARM based 32 bit MCU combines with high performance, real time capability, low power and low voltage operation
- **Communication:** both Rs232 serial port and USB port are provided for flexible connection with laptops
- **Operating Temperature:** -20°C to 60°C
- **Antenna:** concealed antenna as an integral part of the receiver
- **Updating Rate:** 12 times per second from load cell
- **Radio Frequency:** 2.4GHz wireless transmission of up to 30m distance and 128 available channels.

OCSD Series

OCSD Scoreboard BD

DYNAMOMETER



FEATURES

- **Dynamic scan flip-latching technology (BD3/5)**
- **High-lighted digital segment and broad eyesight with special optical filter film**
- **Display character:** 6-bit LED with character height 75mm (BD3 steel housing)
- **Display character:** 6-bit LED with character height 125mm (BD3 steel housing)
- **Temperature:** -10~40°C
- **Humility:** ≤85%RH

Model	H	H1	L	H	N.W.
	(mm/in)	(mm/in)	(mm/in)	(mm/in)	(kg/lb)
BD3	180/7.09	75/2.95	540/21.26	55/2.17	4.2/9
BD5	260/10.24	125/4.92	780/30.71	58/2.28	6.6/15