

Dynamometers



*Shackles & indicators to be ordered separately

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)
- Scoreboard (BD)

Model	OCSD	OCSD
Type	Dynamometer	Dynamometer
Accuracy Class	Following OIML R76, Class III, NOT certified	Following OIML R76, Class III, NOT certified
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

OCSD Series

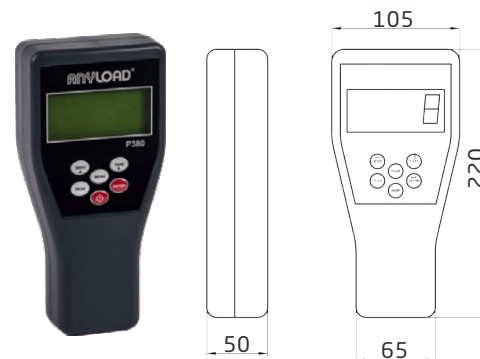
OCSD Indicator P180



FEATURES

- **Palm Size:** small size enclosure of only 28×70×90mm 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 Handheld Indicator P380



FEATURES

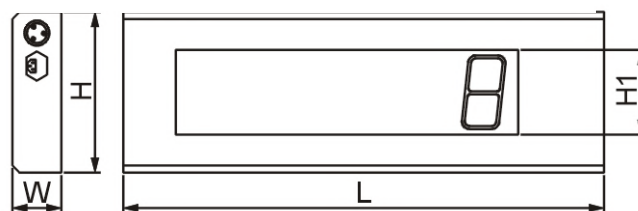
- **Hand Held Size:** the enclosure is 220×105×50 and is designed for comfortable handheld operation
- **Wireless two way communication:** can do tare, zero scale, calibration and parameter setting
- **Display:** five 25mm high LCD digits with backlight which can show the status of battery power, tare, 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 / Printer
P580OCSD Scoreboard
BD

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 date, time, serial number, commodity number, net weight and total weight, can take up to 16 digits heading information, and store up to 2,000 weigh 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 RS-232 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.



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 (Bd5 steel housing)
- **Temperature:** -10~40°C
- **Humidity:** ≤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

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