

Comparison Pressure V Force Plates

Subject/Item	Boditrak	GASP Pressure Plate	GASP Single 3D Force Plate	GASP 3D Dual Force Plate Portable	GASP 3D Dual Force Plate Static Pro	GASP 3D Static Force Plate Ultimate	Competator Pressure Plate	Competitors 3D Force Plate
HZ/Frame Rate	100	100	2000	1000	2000	2000	100	1000
Sensors	Description	2560	Not applicable	Not applicable	Not applicable	Not applicable	2048	2050 Pressure only
Connection	Wireless/USB	USB	Amplifier/USB2	Dual USB 2	Amplifier	Amplifier	USB	usb
Weight	5 KG	12 KG	38.64 KG	11.36 KG each	28.64 KG each	28.18 KG each	Unknown	unknown
Size	610mm x 1343mm x 10mm	610mm x 965mm x 21mm	600 x 1,200 x 101.6 mm	502 x 502 x 45.47 mm	400 x 600 x 82.55 mm	465 x 508 x 82.55 mm	520mm x 1003mm	520 x 1033 mm
Centre of Pressure	yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Horizontal Centre of Mass	No	No	No	Yes	Yes	Yes	No	No
Moment Arm	No	No	No	Yes	Yes	Yes	No	No
Vertical Force Left	Yes % increase	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	No/ only % Pressure	No
Vertical Force Right	Yes % increase	Yes Newtons	No	Yes Newtons	Yes Newtons	Yes Newtons	No/ only % Pressure	No
Vertical Force Left	Yes % increase	Yes Newtons	No	Yes Newtons	Yes Newtons	Yes Newtons	No/ only % Pressure	No
Vertical Force Combined	Yes % increase	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	No/ only % Pressure	yes
Horizontal Left/Right Force Right Foot	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	No	No
Horizontal Left/Right Force Left Foot	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	No	No
Horizontal Left/Right Force Combined	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	No	Yes
Horizontal Toe/Heel Force Right Foot	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	No	No
Horizontal Toe/Heel Force Left Foot	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	No	No
Horizontal Toe/Heel Force Combined Foot	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	No	No
Rotational Force Combined	No	No	Yes Newton/Meters	Yes Newton/Meters	Yes Newton/Meters	Yes Newton/Meters	No	Yes but not calculated around the COM
Rotational Force Right Foot	No	No	No	Yes Newton/Meters	Yes Newton/Meters	Yes Newton/Meters	No	No
Rotational Force Light Foot	No	No	No	Yes Newton/Meters	Yes Newton/Meters	Yes Newton/Meters	No	No
Force Vectors Combined	No	No	Yes	Yes	Yes	Yes	No	No
Force Vectors Right Foot	No	No	No	Yes	Yes	Yes	No	No

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Force Vector Left Foot	No	No	No	Yes	Yes	Yes	No	No
Peak Moment	No	No	No	Yes	Yes	Yes	No	No