

Comparison Pressure V Force Plates

Subject/Item	Boditrak	GASP Pressure Plate	GASP DUAL Vertical Plates	GASP 3D Dual Force Plate Portable	GASP 3D Dual Force Plate Static Pro	GASP 3D Static Force Plate Ultimate
HZ/Frame Rate	100	100	1000	1000	2000	2000
Sensors	Description	2560	Not applicable	Not applicable	Not applicable	Not applicable
Connection	Wireless/USB	USB	USB2 and Bluetooth	Dual USB 2	Amplifier	Amplifier
Weight	5 KG	12 KG	9KG each	11.36 KG each	28.64 KG each	28.18 KG each
Size	610mm x 1343mm x 10mm	610mm x 965mm x 21mm	450mm x 450mm x 58mm	502 x 502 x 45.47 mm	400 x 600 x 82.55 mm	465 x 508 x 82.55 mm
Centre of Pressure	yes	Yes	Yes	Yes	Yes	Yes
Horizontal Centre of Mass	No	No	No	Yes	Yes	Yes
Moment Arm	No	No	No	Yes	Yes	Yes
Vertical Force Left	Yes % increase	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons
Vertical Force Right	Yes % increase	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons
Vertical Force Combined	Yes % increase	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons
Horizontal Left/Right Force Right Foot	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons
Horizontal Left/Right Force Left Foot	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons
Horizontal Left/Right Force Combined	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons
Horizontal Toe/Heel Force Right Foot	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons
Horizontal Toe/Heel Force Left Foot	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons
Horizontal Toe/Heel Force Combined Foot	No	No	Yes Newtons	Yes Newtons	Yes Newtons	Yes Newtons
Horizontal Torque combined	No	No	Yes Newton/Meters	Yes Newton/Meters	Yes Newton/Meters	Yes Newton/Meters
Horizontal Torque Right Foot	No	No	No	Yes Newton/Meters	Yes Newton/Meters	Yes Newton/Meters
Horizontal Torque Left Foot	No	No	No	Yes Newton/Meters	Yes Newton/Meters	Yes Newton/Meters
Force Vectors Combined	No	No	No	Yes	Yes	Yes
Force Vectors Right Foot	No	No	No	Yes	Yes	Yes
Force Vector Left Foot	No	No	No	Yes	Yes	Yes

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Peak Frontal Moment	No	No	No	Yes	Yes	Yes
Peak Sagittal Moment	No	No	No	Yes	Yes	Yes
Peak Transverse Moment	No	No	No	Yes	Yes	Yes
Frontal Plane Torque	No	No	No	Yes	Yes	Yes
Sagittal Plane Torque	No	No	No	Yes	Yes	Yes
Transverse Plane Torque	No	No	No	Yes	Yes	Yes
Pivoting Torque	No	No	No	Yes	Yes	Yes
COP Velocity	Yes	Yes	Yes	Yes	Yes	Yes
Prices	£2,750	£5,250	£4,550	£17,999	£25,000	£32,000