

DASHR VERT™

Portable Jump Measurement System

Technical Datasheet | DS-VERT-001 | Rev 1.1 | June 2026

Measurement Specifications	Specification
Measurement Accuracy	±0.01 in
Measurement Precision (Repeatability)	±0.005 in
Display Resolution	0.1 in
Measurement Method	Electronic Jump Measurement
Human Observation Error	Eliminated

Laser Detection Geometry	Specification
Combined Laser Spread Angle	28°
Detection Curtain Distance	36 in
Effective Detection Area	323 in ²
Measurement Function	Ground Contact Detection

Supported Metrics	Supported
Vertical Jump	Yes
Approach Vertical Jump	Yes
Reactive Strength Index (RSI)	Yes
Ground Contact Time	Yes

Communication & Connectivity	Specification
Mobile Device Connectivity	Bluetooth
Wireless Operation	Yes
Dashboard Integration	Supported
Player Profile Integration	Supported

Electrical Specifications	Specification
Internal Battery Runtime	Up to 4 Hours
Extended Runtime	Up to 24 Hours
External Battery Included	Yes
Charging Interface	USB-C
Charging Method	USB Rechargeable

Physical Specifications	Specification
Dimensions	3.5 × 2.0 × 1.5 in
Weight	6 oz
Form Factor	Portable Measurement Device

Measurement Notes: Internal measurement performance exceeds displayed resolution. Results are displayed to 0.1 inches. The multi-laser detection array creates a 28° laser curtain. At 36 inches of horizontal projection distance, the detection field covers approximately 323 square inches.

Included Components: Dashr Vert Device, External USB Battery Pack, USB-C Charging Cable, Dashr Mobile Application Access, Dashr Dashboard Access, Dashr Player Profile Integration.

DASHR SYSTEMS

www.dashrsystems.com

Specifications subject to change without notice.

