

Custom flooring material



Intelligent floor

Custom flooring plates allow any flooring material on top of the force plates (vinyl, gym, sports flooring)

Seamless integration of force plates in any suspended floor



Our partners

h/p/cosmos

QUALISYS

NICON

Software

10/100 Mb/s Ethernet network

Digital data streaming to MoCap systems

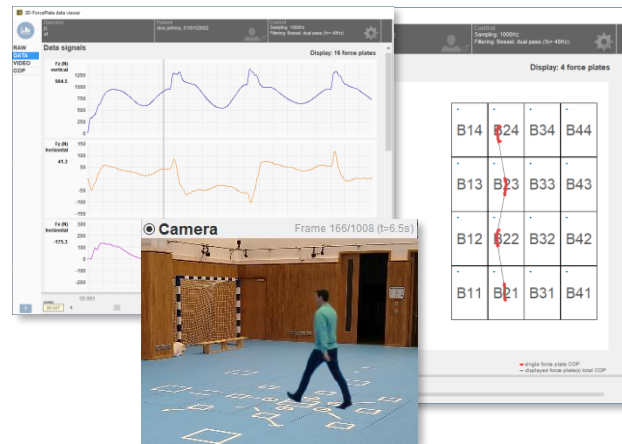
Custom lab setup

Real-time user CoP feedback

Data export and streaming

3D-ForcePlate

Acquisition rate: simultaneous sampling	(Hz)	100 - 10 000
Resolution	Fz (mN)	140
	Fx, Fy (mN)	70
Interface to computer		Ethernet Digital trigger in/out Analog output
Software		Configuration Data recording Real time CoP File export Digital data streaming to Qualisys, Vicon and more



3D-Force plate

Biomechanics – Sports analysis
Research & Clinical applications

Technical specifications

Highly accurate 3D force measurement

3D torque and CoP measurement

Built-in amplifier and power supply

Custom size upon request

3D-Force plate 600x450



3D-Force plate 900x600



Type		600x450	900x600
Dimensions	L x W x H (mm)	600x450x80	896x596x138
Measurement range on each sensor	Fz (kN)		3
	Fx, Fy (kN)		1
Overload range	Fx, Fy, Fz (kN)		10
Natural frequency	Fz (Hz)	>340	>150
	Fx, Fy, (Hz)	>270	>150
Mass	(kg)	24	45



Lab integration

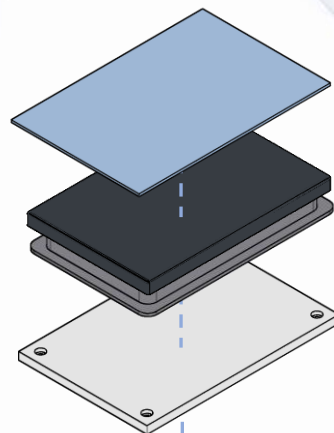
Aluminum base plate for levelling and alignment

Smooth integration into suspended floor

Custom tooling for easy and fast mounting and alignment

Dummy replacement plate available

Flooring plate



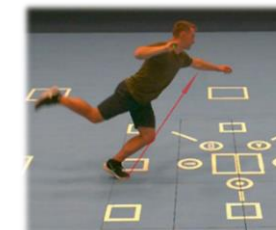
Force plate

Base plate

3D-ForcePlate software



Applications



Contact

Arsalis SRL

6 Chemin du Moulin Delay
1473 Glabais
Belgium

arsalis@arsalis.com
www.arsalis.com

