

FitCheck® & Fit Test

Understand the difference



Protection from
airborne contaminants



Fit is critical one size
does not fit all



Visible and invisible threats
are equally hazardous



Responsibility shared
by employer and wearer

“For RPE with tight-fitting facepieces, the user should carry out a ‘fit check’ of the seal when the device is first put on. Do not use RPE if a good seal cannot be achieved.”

UK, HSE guidance

“The individual who uses a tight-fitting respirator is to perform a user seal check to ensure that an adequate seal is achieved each time the respirator is put on. User seal checks are not substitutes for qualitative or quantitative fit tests.”

US, OSHA guidance

FitCheck®

A quantitative check of respirator fit that can be performed by the user each time the mask is donned

Visible Green light indication to the user that an adequate seal has been made

Traditional filter capping can be performed by hand or with the optional FitCheck filter closures

A product range to complement the traditional fit testing methods

Digital records can be stored for each fit check performed



Fit Test

Selecting the correct model is essential for a safe fit. Every face is a different dimension, shape and size

Optimum protection relies on achieving a good seal between the user's face and the facepiece

Tight fitting respiratory protection should be regularly tested by a competent person

Fit testing should take place as part of the RPE selection process, before being worn in hazardous environments

The most common Fit Test methods are Controlled Negative Pressure and Quantitative Particle Counting

For more information visit our website:
www.designreality.co.uk/FitCheck

Design Reality*
ideas at work

FitCheck[®]

TECHNOLOGY

The FC6100 FitCheck [®] Range		
	FC6110	FC6120
Weight	43.6 g	27.3 g
Mask Position	On-Filter HM1400 ¹ and FFM1600	In-Mask FFM1600
Monitoring Features	Fit Check	FC6110 features + Breathing ¹ , Impact ¹ , Temperature ¹ , Humidity ¹ , Fall Protection ¹ , Location ^{1,2}
Connectivity During Use	Wired - USB, Bluetooth [®]	Wireless - Bluetooth [®]
Certifications	CE, FCC, IC	
Battery Life	> 8 hrs	
Charging	via USB < 2 Hrs 80%	
Auto Shut-Off	After 10 Minutes of Inactivity	
Software	iOS, Android, PC, MacOS ¹	
Cloud	Subscription service available for storage and analysis of devices, Fit Checks and Alerts. ¹	

¹ Future upgrade.

² Location is available via the connected device through the supplied application.

Additional Sensors Available



Temperature



Humidity



Impact



Falls



Location



We Design & Engineer Safety Products

- Industrial Design
- Mechanical Engineering
- Electronics
- Software
- UX / UI
- Prototyping
- Additive Manufacturing

Design Reality*
ideas at work

To find out more about FitCheck[®] visit our website at www.designreality.co.uk/FitCheck or call +44(0) 1745 584 865. Email: ideas@designreality.co.uk

