



## SPECIFICATION

<b>SAMPLE FREQUENCY</b>	100hz
<b>MEASUREMENT RANGE</b>	360 Degrees in 3 directions (3 degree movement range in operation)
<b>RESOLUTION</b>	+/-0.01mm
<b>ACCURACY</b>	+/-0.1mm
<b>POWER REQUIREMENTS</b>	4 x 1.5V C Cell Batteries
<b>DIMENSIONS</b>	
HEIGHT	140mm
DEPTH	150mm
WIDTH	170mm
<b>TOTAL WEIGHT WITH BATTERIES</b>	3.15kg
<b>MATERIALS</b>	
BODY	High impact resistant composite
LID	Plastic
MAGNETIC CONTACT PAD	Galvanised Steel and Rubber

<b>OPERATIONAL BATTERY CAPACITY</b>	Continuous use - 1 week
<b>MAGNETIC CONTACT PAD</b>	
PULL FORCE	40kg
SHEAR FORCE	25kg
<b>CONTROLS</b>	
MOVEMENT	Dial setting 0-2.6°
VIBRATION	Dial setting 0.5hz to 100hz
POWER	On/Off
SET	Arm/Disarm
VOLUME	Off/High
<b>ALARMS</b>	
AUDIBLE	Siren (adjustable)
VISUAL	8x red LED Strobes
<b>WATER/DUST PROOF</b>	IP 66



## IS YOUR EMERGENCY SAFE?

WASP is an innovative but simple monitoring system suitable for many emergency applications

- CE CE RATED
- IP 66 IP 66 RATED
- UK MADE IN THE UK
- ROBUST & PORTABLE
- 7 DAY CONTINUOUS MONITORING

### CONTACT DETAILS

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WASP IS USED BY





## IS YOUR EMERGENCY SAFE?

Monitor the danger and reduce the risk

The WASP is an innovative but simple monitoring system designed to protect emergency service workers and members of the public.

It is the world's first digital monitoring system created specially to assist emergency services workers and keep them safe in a variety of scenarios.

The WASP (or Warning Alarm for Stability Protection) attaches to any surface in any position and provides an early warning of movement and vibration providing protection from:

- Collapsed structures
- Road traffic collisions
- Trench rescue
- Shoring system movement
- Structural fire
- Internal breach operations
- Dangerous building structures following fire / flood or other incidents

The WASP was conceived by experienced fire fighter and International Search and Rescue specialist Matt Keogh in conjunction with UK industry leading monitoring experts Datum Group.

It provides a welcome substitute to traditional methods of monitoring potential movement and removes the potential for human error.

The WASP can detect movement from 0° to 2.6° and / or vibration from 0.5hz to 100hz.

The WASP's magnetic base provides for quick and easy attachment to metal – and is supplied with a variety of attachments to provide fixings to glass, metal, concrete and other structures.

It means emergency service personnel can concentrate on the task working safely in areas of extreme pressure.

### WASP KEY FEATURES AND BENEFITS:

- Portable and light weight with rapid deployment
- User programmable SMART functions
- Configurable alarm settings
- Hardwearing impact resistant composite body
- Magnetic base for rapid site deployment
- Audio and visual alarms for any scenario
- Simple standardised operating procedure
- Applicable to a wide range of emergency scenarios

ROAD TRAFFIC ACCIDENTS



COLLAPSED TRENCHES AND SUPPORTS



COLLAPSED STRUCTURES



CRITICAL EMERGENCIES



STRUCTURAL FIRES



## WASP Warning Alarm for Stability Protection

MOVEMENT

VIBRATION