HAV-Sentry

Description	Part No:
Aegis HAV sensing and alert unit in large glove	720-001
Aegis HAV sensing and alert unit in medium glove	720-002
Five port docking station for Aegis sensing and alert unit	720-003
Blue Tooth ID Tag for use with Aegis sensing and alert unit	720-004
HAV-Sentry cloud-based dashboard - single user	720-010

Replacement Parts	Part No:
Large glove for Aegis sensing and alert unit	720-005
Medium glove for Aegis sensing and alert unit	720-006

HAV-Sentry

A Personalised Hand-Arm Vibration Exposure Meter

SKC Europe

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SKC

HAV-Sentry

The HAV-Sentry system is an innovative, non-intrusive wearable technology that provides personalised measurement of real-time hand-arm vibration exposure with live alerts.

It proactively protects hand held tool operators in construction, manufacturing, and other industries from developing lifelong Hand Arm Vibration Syndrome.

Features

- The unit can be used underneath protection gloves if required
- Machine washable liner gloves which are easily replaced
- Tri-axial accelerometer sensor
- IP64 protection – dust-proof and water-resistant
- Rechargeable Li-Ion battery for 8 hours continuous operation
- Individually assigned Bluetooth ID tag provides user authentication
- Complies with BS ISO 5349 and BS ISO 8041
- CE & UKCA Certified

ID Tags
Bluetooth connected user authentication device.
No need to carry the ID Tag with the operator once paired with the HAV-sensor.

Aegis
HAV sensing and alert unit. Measurement, alerting and control system.

Liner Glove
Aegis units come pre assembled in an ambidextrous, breathable and moisture wicking liner glove.

Docking Station
Charging and data acquisition station.
Wi-Fi connection available.

Alert System

Colour	Description	User Action
	Safe Exposure Level	Ready to go
	Exposure Action Value	Pause for hand stretching, aim to finish work
	Exposure Limit Value	STOP vibration work for the day
	Connected to Docking Station	Do NOT disconnect
	On Hand, ready for pairing	Move the ID Tag close to the device
	Low Battery	Connect to Docking Station

HAV-Sentry Dashboard

Proactively protect tool operators in construction, manufacturing, and other industries.
Access to data visualisation, analysis and generate risk assessment report in the secure cloud-based dashboard.

Use the Dashboard comprehensive data:

- To identify the root cause
- To prioritise low vibration tools and tools maintenance
- To ensure job rotation to reduce exposure
- For continuous improvement and guidance for H&S decisions

Generate Risk Assessment Reports instantly

Risk Assessment Report

Date of Report	14 Oct 2021
Period of Data Capture	17 Aug 2021 - 14 Oct 2021
Author	Feraru Dynamics Ltd.
For the Attention of	Feraru Dynamics Ltd.

Workforce Overview

Number of operators monitored in this period	5
Number of days monitored in this period	4
Number of exposures under the Exposure Action Value	2
Number of exposures between the EAV and ELV	2
Number of exposures over the Exposure Limit Value	0

Operators

Operator ID	Team	Exposures	Average Exposure	Total Exposure	Average A(8)	EAVs	ELVs
4	Assembly	1	6m	6m	0.7	0	0
2	Maintenance	1	12m	12m	3.1	1	0
1	Maintenance	1	24m	24m	1	0	0
3	Maintenance	1	30m	30m	1.4	0	0
5	Construction	1	1h 38m	1h 38m	2.5	1	0

Exposures

Date	Operator ID	Exposure Duration	Department	Exposure A(8)
17 Aug 2021	4	6m	Assembly	0.7
18 Aug 2021	2	12m	Maintenance	3.1
	3	30m	Maintenance	1.4
	5	1h 38m	Construction	2.5
19 Aug 2021	1	24m	Maintenance	1

IT Technical Support
Online for a faster response