



Certificate of Registration



This is to certify that Laboratory Management System of

HUMANETICS INNOVATIVE SOLUTIONS INDIA PVT. LTD

BBMP Khatha No. 937/138 & 139/3B/1, Survey No. 138. Yelahanka, Bellary Road
Bangalore - 560 064

Has Been Successfully assessed & comply with the following standard

ISO/IEC 17025:2017

Scope of Certification

Mechanical testing

*(For the Testing to which this accreditation applies, please refer to the laboratory's
Scope of Accreditation for Mechanical Testing)*

*Initial Issue Date : 31st March 2025**

Valid From : 31st March 2025

*Valid To : 30th March 2026**

Certificate No :

IAS/IND/12030

*Certificate is valid for three years (31st Mar 2025 to 30th Mar 2028) from the date of initial registration. Upon successful completion of the surveillance audit, a new certificate with an extended validity will be issued. For further clarification on the scope of this certification may be obtained by consulting the organization. This certificate is property of IAS and must be returned to IAS, upon cancellation.





Certifying Authority





ANNEXURE - SCOPE OF CERTIFICATION ISO/IEC 17025:2017

LABORATORY

HUMANETICS INNOVATIVE SOLUTIONS INDIA PVT. LTD

ACCREDITED STANDARD

ISO/IEC 17025:2017

CERTIFICATE NUMBER

IAS/IND/12030

VALID FROM

MARCH 31, 2025

VALID TO

MARCH 30, 2026*

MECHANICAL TESTING SCOPE

| Test Type | Parameter | Range | Specification |
|---------------|------------------------|--------------------------------|---|
| Head Drop | Resultant Acceleration | 0 – 300 g | <ul style="list-style-type: none"> ISO 15830-2, (WorldSID 50th) |
| | Lateral Acceleration | ± 15 g | |
| | Unimodal Oscillation | 0 – 17% | |
| | Temperature | 18 – 26° C | |
| | Humidity | 10 – 70% RH | |
| Neck Pendulum | Velocity | 2.40 – 7.77 m/s | <ul style="list-style-type: none"> ISO 15830-2, (WorldSID 50th) THOR 50th Percentile Male Qualification Procedures Manual (THOR-50M Metric) EURONCAP THOR Specification and Certification (THOR-50M ENCAP) |
| | Acceleration | 0.0 – 30.0 g | |
| | Rotation | 45 – 114 deg. | |
| | Moment | 12.0 – 130 Nm | |
| | Displacement | -20.0 – 168.0 mm | |
| | Temperature | 18 – 26° C | |
| | Humidity | 10 – 70% RH | |
| Thorax Impact | Velocity | 2.94 – 6.83 m/s | <ul style="list-style-type: none"> ISO 15830-2 (WorldSID 50th) THOR 50th Percentile Male Qualification Procedures Manual (THOR-50M Metric) EURONCAP THOR Specification and Certification (THOR-50M ENCAP) |
| | Displacement | 0 – 76.0 mm | |
| | Hysteresis | 50 – 85% | |
| | Acceleration | 14.0 – 70.0 g | |
| | Force | 1.0 – 11.1 kN | |
| | Rotation | -21 to 29 deg. | |
| | Moment | -23.5 to 17.8 Nm; 20 to 83 m/s | |
| | Temperature | 18 – 26° C | |
| | Humidity | 10 – 70% RH | |
| Knee Impact | Velocity | 2.0 – 3.0 m/s | <ul style="list-style-type: none"> CFR 49, Part 572: Subpart E (H3-50) |
| | Force | 2.0 – 7.3 kN | |
| | Temperature | 18 – 26° C | |
| | Humidity | 10 – 70% RH | |



ANNEXURE - SCOPE OF CERTIFICATION ISO/IEC 17025:2017

| | |
|----------------------------|--|
| LABORATORY | HUMANETICS INNOVATIVE SOLUTIONS INDIA PVT. LTD |
| ACCREDITED STANDARD | ISO/IEC 17025:2017 |
| CERTIFICATE NUMBER | IAS/IND/12030 |
| VALID FROM | MARCH 31, 2025 |
| VALID TO | MARCH 30, 2026* |

MECHANICAL TESTING SCOPE

| Test Type | Parameter | Range | Specification |
|--------------------|--------------|----------------|--|
| Knee Slider Impact | Velocity | 1.5 - 3.0 m/s | <ul style="list-style-type: none">• SAE J2856 (H3 50th)• SAE J2876 (H3 50th Low Speed)• THOR 50th Percentile Male Qualification Procedures Manual (THOR-50M Metric)• Euroncap THOR Specification and Certification (THOR-50M ENCAP) |
| | Displacement | 9.3 – 18.3 mm | |
| | Force | 1.26 – 3.10 kN | |
| | Temperature | 18 – 26° C | |
| | Humidity | 10 – 70% RH | |
| Foot Impact | Velocity | 4.3 – 6.8 m/s | <ul style="list-style-type: none">• ECE Regulation 94: Addendum 93: Annex 10 (H3-50)• THOR 50th Percentile Male Qualification Procedures Manual (THOR-50M Metric)• Euroncap THOR Specification and Certification (THOR-50M ENCAP) |
| | Force | 2.8– 3.8 kN | |
| | Moment | 95 – 145 Nm | |
| | Acceleration | 245 – 345 g | |
| | Temperature | 19 – 25° C | |
| | Humidity | 10 – 70% RH | |

*Annexure is valid for three years (31st March 2025 – 30th March 2028) from the date of renewal registration. Upon successful completion of surveillance audit a new annexure with extended validity will be issued. Further clarification regarding the scope of this certification may be obtained by consulting the organization. This certificate is property of IAS, must be returned to IAS, upon certification

Certifying Authority