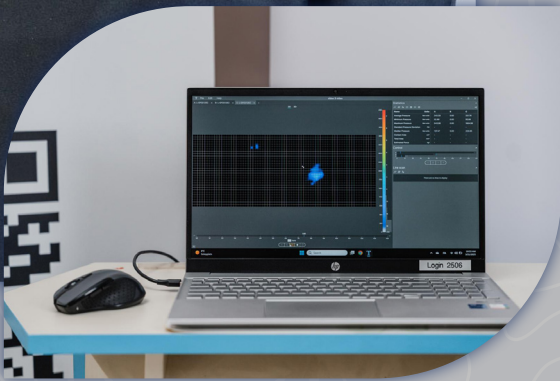


Vest System

Our highly customizable Tactilus® Human Body Interface sensor system is designed to allow the user to collect pressure magnitude and distribution data from across the surface of the human body. Physical human interface is every bit as important as the ubiquitous graphical user interfaces on our computers, but the world hasn't invested in analysis and research in these areas commensurate with the opportunity at stake. Tactilus® allows the flexibility of recording human interface pressure across multiple skin regions simultaneously. Bringing human factors and ergonomic engineering to a new level, Tactilus® aids the test or design engineer in optimizing the tradeoff often made between performance and comfort.



TECHNOLOGY	PIEZORESISTIVE
SURFACE PRESSURE RANGE	0 - 5 PSI (0 - 0.35 KG/CM ²)
TOTAL SENSING AREA	70CM X 150CM
ACTIVE SENSING POINTS	900
SCAN SPEED	UP TO 15 HERTZ
SPATIAL RESOLUTION	23 X 51
THICKNESS	2.5 MM
ACCURACY	± 10%
REPEABILITY	± 2%
HYSTERESIS	±5%
NON LINEARITY	±1.5%
REPEABILITY ERROR	± 3%

Tactilus®



SENSOR PRODUCTS INTL.
TACTILE PRESSURE EXPERTS

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