



KANOMAX
The Ultimate Measurements

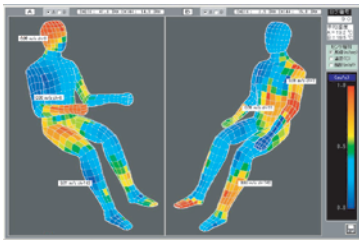


Simultaneous measurements of air velocity, temperature, humidity, and heat radiation.

Precise environmental monitoring with over 100 sensors.

Flexible layout of the sensors for various application needs.

Graphical display: contour map and movie

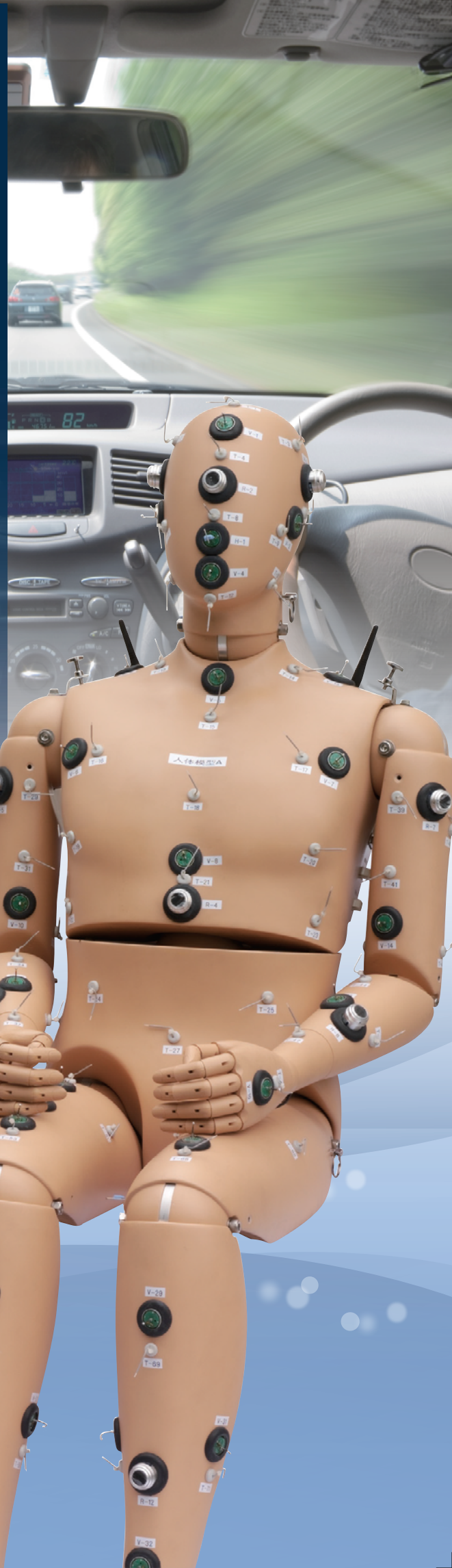


Wireless communication and battery operation allows hassle-free operation in any environment



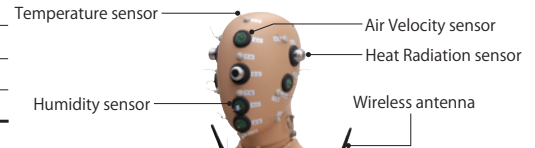
Automotive testing solutions

Amenity manikin system



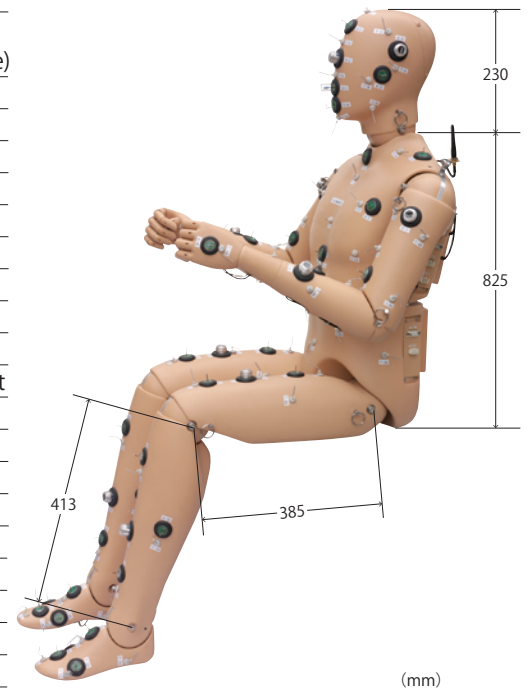
Specifications

Product	Amenity Manikin Measurement System
Communication	RS-232C / Wireless (2.4GHz)
Material	FRP
Operation Range	-25 to 70°C



Sensor Specification

Air Velocity	Sensor Type	Hot-wire			
	Range	0.1 to 5 m/s			
	Accuracy	0.1 to 2 m/s : ±0.05 m/s 2 to 5 m/s : ±0.10 m/s			
	Resolution	0.01 m/s			
	Temperature Compensation	±5%FS (in the temperature range 0 to 60°C)			
	Response Time	approx. 7 sec. (at 1 m/s, 90% response)			
	Directivity	Horizontal : ±3%FS (circumference) Vertical : ±5%FS (angle of elevation ±40°)			
Temperature	Sensor Type	T-type thermocouple DT30TT			
	Range	-25 to 70°C			
	Accuracy	±2.0°C			
	Resolution	0.1°C			
Humidity	Sensor Type	Capacitance			
	Range	3 to 95%RH			
	Accuracy	3 to 30%RH, 75 to 95%RH : ±3%RH 30 to 75%RH : ±2%RH			
	Resolution	0.1%RH			
Heat Radiation	Response Time	approx. 5 sec. at 1 m/s (at 25°C, change from 50 to 75%RH, 90% response)			
	Sensor Type	Thermopile (surface black coated)			
	Temperature Sensor	PT100 4-wire (at a sensor part)			
	Viewing Angle	approx. 140°C			
	Size	φ 23×30 mm			
	Wavelength	0.3 to 40 μm			
	Range	0 to 1 kW/m ²			
	Accuracy	< ±7%			
Sensor Quantity	Resolution	0.1 kW/m ²			
	Response Time	< approx. 5 sec. (63% response)			
		Air Volocity	Temperature	Humidity	Radiant Heat
	Head	4	12	1	3
	Upper Torso	12	33	0	5
Lower Torso	20	33	1	4	
Total	36	78	2	12	
Data Storage	CSV format				
Video Storage	AVI format				
Sampling Rate	1 to 99 sec.				
OS	Windows 10				
Power Supply	AC100 to 240V				
Weight	approx. 20kg (upper torso: 10.6kg, lower torso: 9.7kg)				



(mm)



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