

VERF-3000

The Verificationinator 3000

The **Verificationinator 3000** is a premier load cell calibration device that works with 6 load cells, promises incredible precision, low noise and easy to use calibration of the load cells. With such a device, laboratory calibration can become a thing of the past, as with high mobility and rugged design, the kit can be taken to any job site in any conditions to verify the force output of Innovatest hardness testers using Innovatest load cells.

Extreme Precision

With enough precision to be a OIML Class A load cell measuring device, the VERF-3000 can ensure load cells are calibrated to the upmost precision and accuracy



Mobile and Portable

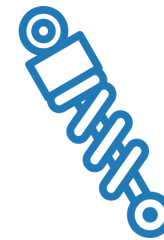
The Verificationinator 3000 is mobile and lightweight and can be carried anywhere it is needed.

Weighing only 15kg, it is a revolutionary step in force verification on the go



Factory Durable

Boasting an extremely rugged and shock absorbent design along side IP67 classification, the VERF-3000 can be used in any factory or job site where needed.



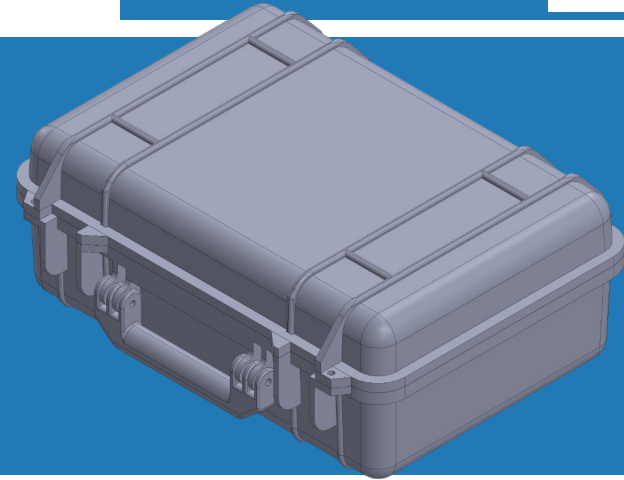
Main Features

The Verificationinator 3000 can be easily used to measure the force values for calibration or testing or routine inspections. The data is plotted on a graph and exportable to a USB stick in a CSV format

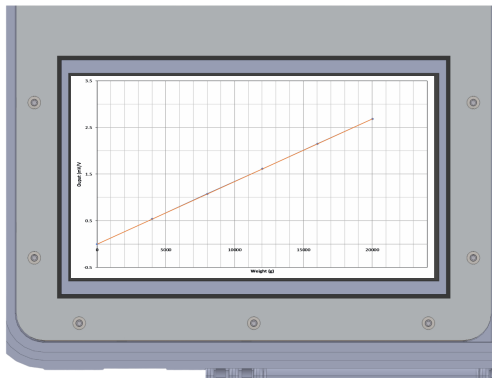
SEE HMI:



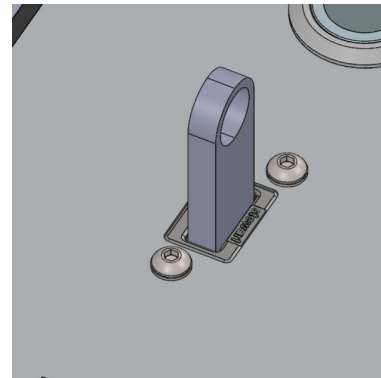
TOUCH SCREEN



Real-Time Graphing



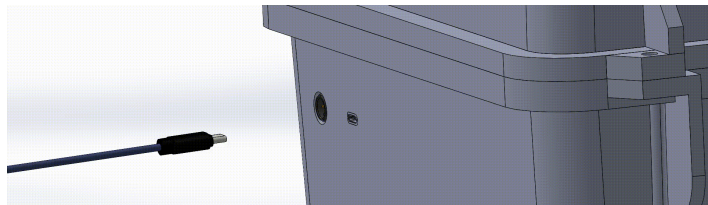
Export to CSV



Long-lasting & Rechargeable

The Verificationinator 3000 has a battery life of over 8 hours to last long enough to work for all measurement needs.

With a Li-ion battery, the device is re-chargeable with thousands of charging cycles for a long product life.

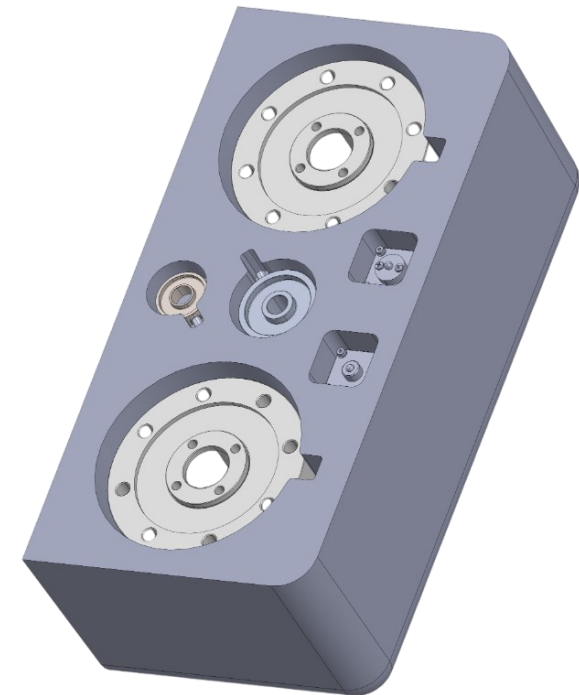


SEE LOAD CELLS:



Automatic Load Cell Recognition

Currently compatible with 6 load cell models and automatically identifies cell to set gain sensitivity for optimal performance.



Spec. Sheet

STANDARD

Verificationator

Image Here	Protection	IP67
	Load Cell connection	M12 5-pin connector
	Microcontroller	
	Capacity	

GENERAL

	Protection	IP67
	Humidity Range	10% - 90%, Non-Condensing
	Temperature Range	0°C - 60°C
	Functions	Calibration, Data extraction, Peak & Hold
	In The Box	6 load cells with connectors, in-built screen, Documentation

CASE / HOUSING

Image Here	Dimensions (mm)	469.9 (l) x 357.1 (w) x 176 (d)
	Weight	5~6 kgs
	Body Material	Polypropylene
	Latch Material	ABS

LOAD CELLS

Image Here	Diameter	
	Height	
	Weight	
	Measurement Range	10 gf—3,000gf

INTERACTION

Image Here	Screen Size	10-inch
	Display	TFT-Resistive-Touch-Display
	Display Resolution	
	Display Brightness	
	Connectivity	USB-A 2.0
	Data Output	CSV

TECHNICAL

Image Here	ADC Resolution	24-bit Delta Sigma
	Filtering	Instrumentation Amplifier + Passive low pass filter
	Load cell connector	M12 5 Pin connector
	Load cell excitation voltage	5 V / 10 V
	Input Sensitivity	2.8-3.2 mV/V

POWER

Image Here	Power Consumption	
	Battery Capacity	5000 mAh
	Typical Battery Life	8 hrs
	Typical Charge Time	100% in 2 hrs
	Battery Type	Rechargeable Li-ion
	Battery Voltage	3.2 V - 4.2 V
	Charging Connection	USB Type-C (Power only)