

OSC 77VN103 Multi-Transducer System

< Features >

- Unique multi-transducers, torque tester networking system
- The system can consist of one external transducer only
- It may consist of up to 8 external transducers connected together at the same time
- Each transducer connected to monitor is recognized automatically by the monitor at the time of power-up.
- There are no switches or prompting the monitor since all is done automatically by the monitor



< Specifications >

Model	OSC 77VN103		
Size (Approx.)	13x14.5x5.5 cm	Display	128 x 64 pixel dot matrix display with backlight
Weight (Approx.)	1.6 kg	Peak Capture Rate	0.010S
Charger Rating	500mA 12V DC	Unit of measurement	N.m, kgf.cm, kgf.m
Charging Time	4-6hours for full charge	Mode of measurement	Track, Peak, First-Peak
Input RS485	Circular 6 pin connector for External transducer	Minimum torque	Readable at min 5% of F.S.
Output RS232C	PS2 Connector, 8 Data bits, 1 Start bit, 1 Stop bit, no parity, 38400 baud rate	Auto Reset Range	Adjustable 2-100%F.S.
Memory	Up to 50 Records with statistical Calculation	Pass-Fail Range	Adjustable 2-100% of F.S.

OSC 77VN104 Handheld Torque Tester

< Features >

- Designed for general purpose torque testing
- Suitable for testing any manual or screw driver torque tools
- Can communicate with computer via RS232 cable
- Come in an elegant plastic carrying case



< Specifications >

Model	OSC 77VN104-A	OSC 77VN104-B	OSC 77VN104-C	OSC 77VN104-D
Accuracy (combined error)	±0.5% FS			
Creep	±0.02% FS			
Non-Linearity	±0.02% FS			
Temperature shift at 0 load	±0.02% FS			
Size (Approx.)	87x205x34cm			
Weight (Approx.)	1.0 kg			
Maximum torque	120% of rated capacity stated			
Maximum mounting torque	150% of rated capacity			
Charger rating	500mA 12 V DC			
Charging time	4-6 hours for full charge			
ADC Sampling Rate	2,000Hz			
Peak Capture Rate	0.010 S			
Unit of measurement	N.m, kgf.cm, kgf.m			
Mode of measurement	Track, Peak, First-Peak			
Minimum torque	Readable at min 5% of F.S.			
Auto Reset Range	Adjustable 2-100% FS			
Pass-Fail Range	Adjustable 2-100% FS			
Capacity (N.m)	0.5x0.0001	1x0.0002	5x0.001	10x0.002
Capacity (kgf.cm)	5.099x0.001	10.2x 0.002	50.99x0.01	102x0.02
Capacity (kgf.m)	0.0509x0.0001	0.1020x0.0001	0.5099x0.1e-3	1.02x0.0002