

**Easy
Measure**

【Measurement Made Easy】

Ready to use
Easy to use for anyone
Carry & use anywhere

**Easy Measure
Company Introduction**

Access to the future

Under our corporate slogan - "Sensor is source of technology", Easy Measure has been providing products and services that satisfy the measurement/control needs for R&D and manufacturing, using our vast knowledge on physical sensors, such as strain, pressure, load, vibration, temperature, displacement, velocity, and etc.

Our technology department is actively developing products under the philosophy of design: "Easy Measure – Measurement Made Easy", "Ready to use", "Easy to use for anyone", and "Carry & use anywhere."

Company Information

- **Management Philosophy**
Based on our knowledge on sensor-based measurement instruments, our mission is to support customers' technology developments and new measurement instrument developments, and to contribute to the development of the society.
- **Corporate Profile**
Company Name: Easy Measure Co., Ltd.
Date of Establishment: July 1st, 1987
Capital: 10 M Yen
- **Main Customers (arbitrary order)**
Toyota Motor Corporation, Honda Motor Co., Ltd, NISSAN MOTOR CO., LTD,
Fuji Heavy Industries Ltd (Subaru), Mazda Motor Corporation, DAIHATSU MOTOR CO., LTD,
Hino Motors, Ltd, Yamaha Motor Co., Ltd, YANMAR CO., LTD,
TOYOTA INDUSTRIES CORPORATION, Aisin Seiki Co., Ltd, AKEBONO BRAKE INDUSTRY CO., LTD,
Komatsu Ltd, Hitachi Construction Machinery Co., Ltd,
KOBELCO CONSTRUCTION MACHINERY CO., LTD,
NIPPON STEEL & SUMITOMO METAL CORPORATION, JFE Steel Corporation, UACJ Corporation,
Mitsubishi Materials Corporation, Hitachi Metals, Ltd, Hitachi, Ltd, TOSHIBA CORPORATION,
Mitsubishi Electric Corporation, Mitsubishi Heavy Industries, Ltd, IHI Corporation,
Japan Marine United Corporation, Idemitsu Kosan Co., Ltd,
Mitsubishi Chemical Holdings Corporation, TOKYO GAS Ltd, OSAKA GAS Ltd


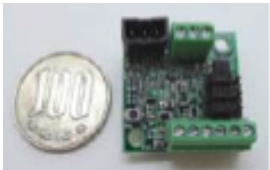

Sensor is source of technology
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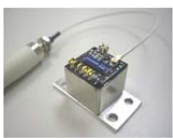





<http://www.easy-measure.co.jp/en/> E-mail: info@easy-measure.co.jp


Product Lineup

Name	Compact Data Logger	Compact Digital Amp.	Noise Detector
Model	CCS	C-sdAMP	NT-01A
Description	The small-size data logger, CCS (Condition Catcher S) can monitor the machine status in operation. It can store sensor signals from strain gauges and thermocouples over a long period of time.	Compared with conventional analog amps, sdAMP has the following advantages: small, light-weight, low power consumption, high accuracy, quick delivery, low price, easy adjustment by PC, and less affected by temperature.	NT-01A is a useful tool to find the cause of abnormal noise, which normally takes much time and effort, particularly, when an automobile is in operation. Using vibration sensor and LED display, NT-01A can visualize the abnormal noise, and helps quick and accurate source detection.
Features	<ul style="list-style-type: none"> ■ 1-ch strain/4-ch strain/8-ch temp. ■ Max. data acquisition: 2k data/s ■ Memory: 64G Bytes ■ Dimensions: 30(W)x30(D)x17(H) mm ■ USB Interface ■ Power: DC3.6-6V 	<ul style="list-style-type: none"> ■ Strain gauges/ Thermocouples <li style="padding-left: 20px;">Strain: 1/2/4 gauges, auto-zero function. <li style="padding-left: 20px;">Thermocouples: 8 types ■ Dimensions: 25mm square x 14mm(H) ■ Output: ±5V ■ Power: DC9-16V 	<ul style="list-style-type: none"> ■ Noise level indicator (LED: Peak hold) ■ Audio headphones ■ GAIN selection ■ CE Marking ■ Power: Cigar plug, battery
Photo			

Rotating Telemetry Systems

The rotating telemetry systems make physical measurements - such as temperature, pressure, torque, stress, and displacement of rotating machines, and send the signals wirelessly to the fixed side. On the rotating side, transmitter and battery (or, receiving coil and rectifier in case of induction power transfer) are installed. Traditionally, the slip ring has been used to transfer the signals from rotating side, but it wears and needs to be replaced, and it fluctuates the signals and causes measurement error. In industry, automotive in particular, a lot of rotating machines are used, and various measurements - such as temperature, strain, displacement, vibration, and others, of rotation machines – are made.

Name	1-ch Standard Transmitter	1-ch Thin-type Transmitter	2-ch Temperature Transmitter	2-ch Strain Transmitter	4-ch Temperature Transmitter	4-ch Strain Transmitter
Model	WTR-101S&T	WTR-102S&T	WTR-106T	WTR-107S	WTR-107T	WTR-107S
Description (size in mm)	20(W)x20(D)x17(H) Low price, Good wireless Chip and external antennas.	17(W)x35(D)x7.5(H) Embedded Usage Chip antenna	39(W)x30(D)x8(H) Chip antenna (External: Option)	39(W)x30(D)x15(H) Chip antenna (External: Option)	39(W)x36(D)x15(H) Chip antenna (External: Option)	39(W)x36(D)x15(H) Chip antenna (External: Option)
Photos						

Receivers	Model WTR-100R-* (*: number of channels)	
	New functions as shown below: Number of Channels Output Monitor Display Measurement Mode Low power consumption mode (Transmitter) Power	
	Standard: 1 channel [option] up to 100 channels Standard: Analog Voltage Output (+/-10V), USB [Option] LAN, CAN Measured Value, Transmitter Supply Voltage Receiver Mode: Single/Double, Variable Sampling Speed (4.8k times/s- 1 time/s) When Receiver is off or at slow sampling DC12V, AC Adaptor (100V-240V) Included	

Name	Battery Boxes						Antennas and Cables		
Photo	Replace type WTR-B2 	Replace With SW WTR-B2S 	Replace Thin-type WTR -B3 	Charge type Thin-type WTR-B4 	Charge Ultrathin WTR-B5 	Replace Size AA WTR-B6 	Transmitter Antenna Cable 	Antenna bracket WTR-LK01 	Small size antenna WTR-ANT2-*m  20(L)x10(W)x5(H)mm

Customization Examples					
Induction Power Transfer (Test Systems) 	Induction Power Transfer (Shaft-mounted) 	Shaft-mounted 	Wheel-mounted 	Split Collar 	Shaft-end Mounted 