



We provide a wide range of solutions.

The P2 Automation team will support you with business & technical expertise, ensuring that solutions are designed to solve your needs.

Engineering Services

We have an experienced and knowledgeable professional services team to deliver a range of services, including design and engineering, machine safety auditing, training, consulting and technical support services. Our technical specialists take a consultative approach, to provide you with recommendations that assist in the delivery of your business objectives.

Industries

We have provided automation solutions to a diverse range of industries, including food and beverage, packaging, and mining and mineral processing, metal, pharma, car industries and many other industries.

We understand that businesses face new and more complex challenges to find competitive advantages. Our experienced team will help you achieve optimum site efficiency and performance.

Applications

Many industrial applications can be automated, from filling to inspection to control. We provide guidance and technology across a wide range of application areas. If you require additional support to solve a complex application, our team of technical experts can assist you. We are your partner in all things automation.

SENSOR TESTERS

STN-DC

tests 2 & 3 wire DC switches



STN-AC

tests 2 & 3 & 4 wire AC/DC switches



Supply Voltage

18VDC

220VAC

Maximum Rated Load	10mA	11mA
Leakage Current	10mA	1mA
Short Circuit Protection	-	/
Over Voltage Protection	-	/
LED Function Display	Test Switch Output, PNP/NPN, NO/NC	Test Switch Output, PNP/NPN, NO/NC
Audible Output	✓	/
Operating Temperature	Room Temperature	Room Temperature
Humidity	80% R.H. Non Condensing	80% R.H. Non Condensing
Housing Material	ABS	ABS
Protection Class	IP67	IP67
Battery	2 off 9V PP3	220VAC
Units Tested	2 or 3 wire DC proximity switches, whether inductive, photoelectric, capacitive or ultrasonic	2 or 3 wire AC/DC proximity switches, whether inductive, photoelectric, capacitive or ultrasonic
Indication	Indicates proximity switch function, if PNP or NPN, enables deduction of normally closed or normally open, light-on or dark-on operation.	Indicates proximity switch function, enables deduction of normally closed or normally open, light-on or dark-on operation.
	Auto-on/off feature: the unit is powered only when a proximity switch is connected.	Auto-off feature: the unit is powered only when a proximity switch is connected.
		Fault tolerant: a faulty proximity switch will not damage the unit, likewise a fault in the test unit will not damage a proximity switch



Automation

CHINA YUMO ELECTRIC CO.,LIMITED Web: www.yingselectric.com

Inductive sensors · Capacitive · Magnetic sensors · Optoelectronics · Touch indicators · Encoders · Ultrasonic sensors · Fork Vibrating · Connectors & Cables

FUNCTION INSTRUCTIONS

The tester model STN-DC uses two 9V laminated battery all 3-wire DC sensors can be tested, including inductive, capacitive, photoelectric switch (PNP and NPN),NO and NC, easy to operate.

Switch type	When in the following cases	Buzzer	LED
PNP,NO	When the detection object is within the test range	Sound	Red
PNP,NC	No detectable objects within the test range	Sound	Red
NPN,NO	When the detection object is within the test range	Sound	Green
NPN,NC	No detectable objects within the test range	Sound	Green