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PR-20
Bolt Printer
Operator's Manual

Printer attaches to top of Auto Meter SB-300, RC-300, BVA-300, and BVA-350 Hand Held Testers.

The PR-20 printer simply slides over the hand held tester to become a portable single unit tester / printer that allows for individual test printouts with complete test results.

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NOTES



LIMITED WARRANTY



12 MONTHS FROM DATE OF PURCHASE

The manufacturer warrants to the consumer that this product will be free from defects in material or workmanship for a period of twelve (12) months from the date of original purchase. Products that fail within this 12 month warranty period will be repaired or replaced at the manufacturer's option to the consumer, when determined by the manufacturer that the product failed due to defects in material or workmanship. This warranty is limited to the repair or replacement of parts and the necessary labor by the manufacturer to effect the repair or replacement of the product. In no event shall the manufacturer be responsible for special, incidental or consequential damages or costs incurred due to the failure of this product.

Improper use, accident, water damage, abuse, unauthorized repairs or alterations voids this warranty. The manufacturer disclaims any liability or consequential damages due to breach of any written or implied warranty on its test equipment.

WARRANTY AND SERVICE INFORMATION

Warranty claims to the manufacturer's service department must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser and is non-transferable. Shipper damage incurred during return shipments is not covered under this warranty. It is the responsibility of the shipper (the customer returning the Test Equipment) to package the tester properly to prevent any damage during return shipment. Repair costs for such damages will be charged back to shipper (customer returning the Test Equipment). Protect the product by shipping in original carton or add plenty of over-pack cushioning such as crumpled up newspaper.

CONGRATULATIONS!



You have purchased Auto Meter's Bolt Printing solution designed to be installed over the top of your SB-300, RC-300, BVA-300, and BVA-350 hand held testers. Pressing the "Print" button on your tester sends the print job to the printer using a wireless IR signal. The printer reads this signal and prints out the test results on thermal paper. The printer comes with a rechargeable lithium-ion battery that lasts for thousands of print lines before requiring a recharge. The paper replacement utilizes an easy paper roll drop in design.

Auto Meter Model Number	PR-20
Print Mode	Thermal Sensitive Dot Matrix
Print Speed	30-62 mm/s
Print Resolution	8 dots/mm, 384 dots/line
Print Width	48 mm
Character Size	5-7 dots
Paper Roll Size	58 mm Wide X 25 m Long / 2.25" Wide X 80' Long (Max. Roll Diameter: 2.0")
No Paper Detection	Yes
Paper Replacement	Easy Drop In
Power	7.4 V 1400mAh Li-ion (Canon BP-511 or Equivalent)
Low Battery Indicator	Yes
Battery Charge Time	2 Hours Approximate
Battery Charger	Included
Power Save Mode	Auto Turn Off After 4 Minutes Without Operation
Operating Temperature & Humidity	0 to 120 F, 10 to 90% RH
Storage Temperature & Humidity	-4 to 140 F, 10 to 90% RH

Installing the Printer to Your Hand Held Tester

1. Remove the printer from the rubber boot.
2. Slide printer over the top of the hand held tester.
3. Install rubber boot around printer and hand held tester.



REPLACING THE BATTERY

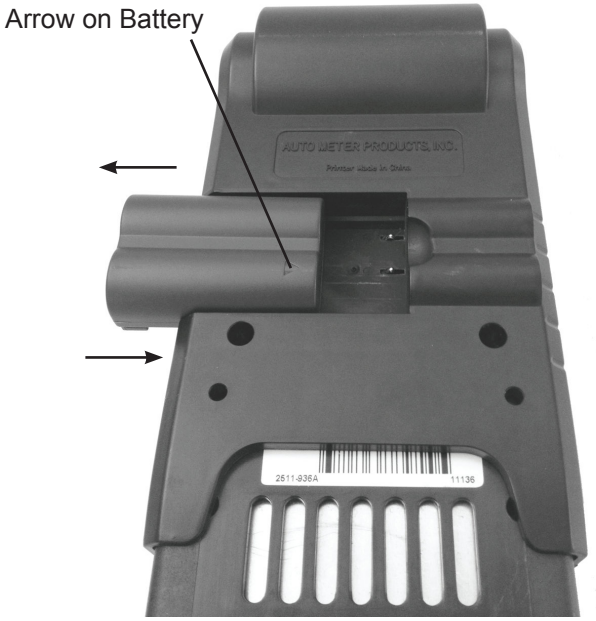


If you notice that the battery life is becoming shorter between battery charges, the battery may be coming to the end of its useful life.

Replacement battery: Canon Camcorder Li-Ion BP-511 or equivalent.

The battery must be properly recycled. Do not puncture, burn, or dispose of in trash. Recycling services available at many battery supply stores.

1. Remove the rubber boot.
2. Turn printer over and slide the battery out to the left.
3. Install the replacement battery by orientating the battery so that the arrow on the battery points to the right. Slide battery to the right to install.
4. Replace the rubber boot.



CHARGING THE BATTERY



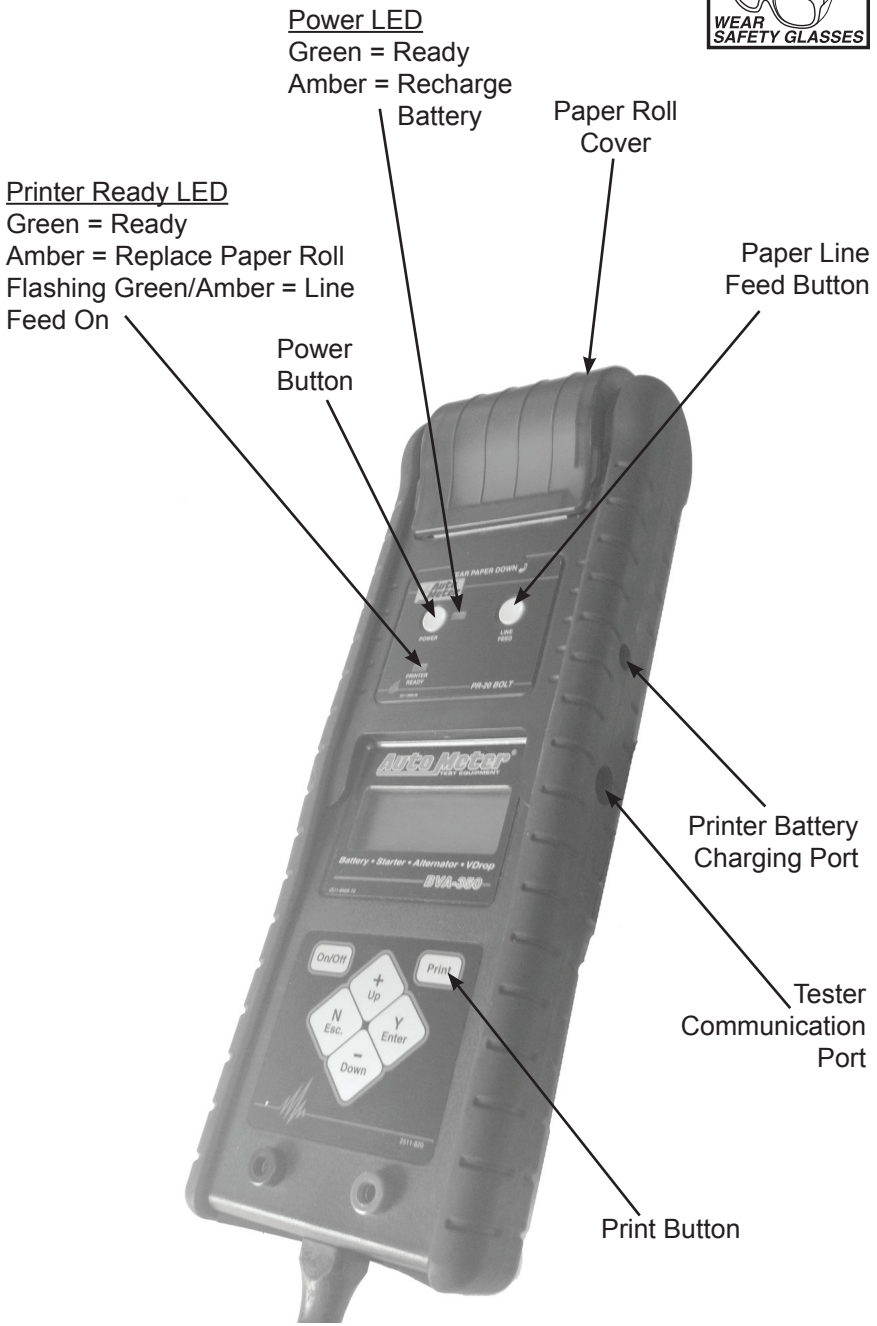
The “Power” LED will turn from green to amber when the internal printer battery needs to be charged.

1. Plug the battery charger into the printer charging port located in the smaller rubber boot hole on the right side of the printer.
2. Plug the charger into an AC power outlet. (100 – 240 VAC, 50/60 Hz)
3. The LED on charger will be red indicating the battery is being charged.
4. The LED on the charger will turn from red to green when the battery is fully charged. Typical recharge time is about 2 hours.



CONTROLS & FUNCTIONS





PRINTER OPERATION



1. After performing a test using your tester. Turn on the PR-20 printer by pressing the “Power” button.
2. The printer is ready to use if both the “Power” and the “Printer Ready” LED’s are green. If the “Power” LED is amber, recharge the battery. If the “Printer Ready” LED is amber, replace the paper roll.
3. Press the “Print” button on the tester. The test number and results indicated on the tester LCD will print out on the PR-20 printer.
4. To feed the paper manually, press the “Line Feed” button to start feeding the paper (The “Printer Ready” LED will flash green and amber during the line feed). Pressing the “Line Feed” button again will stop the line feed. The printer will automatically stop the line feed after 10 seconds.
5. Turning the tester off will automatically turn the printer off. The printer can also be turned off by pressing the “Power” button. The printer will also automatically turn off after 4 minutes with no operation.

Note: A printer self test can be performed by simultaneously pressing and releasing both the “Power” and the “Line Feed” buttons at the same time.

PAPER REPLACEMENT



The “Printer Ready” LED will turn from green to amber when paper needs replacement.

1. Open cover by placing hands on both sides of the cover, move the rubber boot to the side, and flip up on the finger tabs.
2. Drop in thermal paper roll (as shown). Pull paper out about 3" past the cover lid and hold.
3. Close the lid by pushing on it until you hear a snap. Tear off excess paper. Paper is loaded and ready to use.





Replacement Paper: Standard 2-1/4” wide by 80’ long thermal paper available at most office supply stores.

Store / Mfg.	Part Number
Office Depot	209-653-271
Office Max	20121146
Quill	856607
Seiko	SS058-025A
Staples	531236