



A Versatile Broad Coverage Instrument with Electronic Thermometer for Completely Testing Zener Diodes, SCR's, Power Diodes (silicon and germanium) Signal Diodes and Selenium Rectifiers.

Seco Model 210t ELECTRONIC THERMOMETER ZENER AND DIODE ANALYZER

and Diode Analyzer on the market on almost every type of diodes to 30 amp. power types. Laboratories, engineers and basic includes the following tests:

V
to 100 MA
and drop
thermometer specifications

analyze the parameters of silicon diodes at 150 V and 1500 V leakage. The 210T can also check current voltage and forward voltage. The Model 210T circuit. All are complementary. Forward Characteristics of these items only. For example, the forward voltage can be checked on one of the diodes. In addition, two thermometers from -20 deg. to 55 deg. C.

SPECIFICATIONS

105-130V 50-60 cycle operation
Meter accuracy 2% at full scale
1% precision resistors used
Special forward drop scale reads effective DC voltage drop
On-Off switch has overload circuit breaker
Human factor engineered - requires positive action to supply and hold power
Fully isolated from power line
30 amp. binding posts provided
Thermometer provides instant temperature check
Three main power supplies provide seven metered V ranges
0-1.5 V 0-7.5 V 0-15 V 0-30 V
0-150 V 0-300 V 0-1500 V
Seven current ranges allow grouped functions and ranges
0-100 μ A 0-1 MA 0-10 MA 0-100 MA
0-1 A 0-10 A 0-30 A
Size: 10 $\frac{1}{4}$ x 9 x 5"
Weight: 11 lbs. - Shipping Wgt. 14 lbs.



Seco Model 212

ELECTRONIC THERMOMETER

\$79⁵⁰
NET
complete with probe

Checks Temperature of Diodes, Coils, Transformers, Transistors, Wire, Liquids, etc. without Heat Sink Loss

- Two Convenient Scales: Minus 20°C to 55°C, 40°C to 160°C
- Calibration accuracy plus or minus 2 Per Cent over entire range

Here's a versatile, accurate electronically controlled thermometer that can be used for countless temperature checking applications. Whether its used with liquids, gas or solids the Model 212 will give you an instant temperature check. Circuitry and front panel knob includes a calibration adjustment to assure complete accuracy. The Instrument can be set for regular or continuous reading. Meter has 3- $\frac{1}{2}$ " mirrored scale, 200 UA movement. Power supply is two 1.5 volt C cells, Weight 3 lbs.

Standard equipment includes thermister probe designed for surface measurement. Probe, with 3-foot cord, is insulated to prevent heat transfer and can be fastened to component under test or held.



TEST PROBES are available for a wide variety of applications including liquids, gas and solids. Write for a quotation.

Seco Constant Voltage Regulated

POWER SUPPLIES

LAB INDUSTRIAL AND GENERAL SERVICE UNITS OFFER

4 voltage ranges instead of one or two
5 meter ranges instead of two or three
tight voltage regulation, low output impedance

AND

THE SECO PLUS — 0-7.5V variable bias is obtained simultaneously with the 0-15V and 0-1.5V.



MODEL RPS-4

Transistorized Constant Voltage Power Supply

Completely Wired and Tested
105 - 130 Volt AC, 60 Cycle
Includes 24" Set Test Leads

\$36⁹⁵
NET

RPS-2, RPS-4

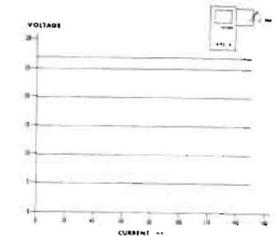


MODEL RPS-5

Zener and Transistorized Voltage Regulated DC Power Supply

Completely Wired and Tested
105 - 130 Volt AC, 60 Cycle
Includes 24" Set Test Leads

\$69⁵⁰
NET



Regulation Characteristics RPS-5

POWER SUPPLY COMPARISON CHART

Characteristic	Model A	Model B	SECO RPS-2	SECO RPS-4	SECO RPS-5
Voltage Output	0-15V 0-30V	0-30V	0-1.5V 0-15V 0-25V	0-1.5V 0-15V 0-25V 0-30V	0-1.5V 0-15V 0-15V 0-30V
Current Output	0-300MA 0-100MA	0-100MA 0-15V 0-300MA 0-25V	0-100MA MAX.	0-100MA MAX.	0-100MA MAX FULLY REGULATED SEE CHART
Regulation Voltage Drop	1V	Not Reg.	200V = 30MA Opt. Reg.	500V = 30MA Opt. Reg.	800V 72EN 30MA
Max. Ripple	300V	300V	300V	300V	300V
Meter Ranges	0-30V 0-100MA 0-300MA	0-30V 0-30V	NO METER	0-1.5V 0-15V 0-30V 0-30MA 0-100MA	0-1.5V 0-15V 0-30V 0-30MA 0-100MA
Output Impedance	5 OHMS	UNKNOWN	1.8 OHMS	1.8 OHMS	1 OHM
Bias Tap	NONE	NONE	0-1.5V	VARIABLE	0-1.5V
Warning Alarm	UNKNOWN	UNKNOWN	NO METER	2% Full Scale	2% Full Scale
Overload Indicator	NONE	NONE	NONE	NONE	YES
Cost	\$73.30	\$77.39	\$21.93	\$36.30	\$68.30

SPECIFICATIONS

- Transistorized circuit maintains constant voltage over a wide load - variation within 3%. Up to 15 Volts and 150 MA and up to 25 Volts and 50MA (See Chart)
- Five output and meter ranges: top meter scale, 0-1.5V, 0-15V and 0-150MA; bottom meter scale, 0-30V and 0-30MA
- Special bias tap for simultaneous 0-7.5V and 0-15V output
- Maximum ripple .001% at full load
- Output impedance - 1.8 ohms resistive. No motor boating
- Overload protection permits feeding into short circuit without damage
- Bakelite case - 4 1/2" x 5 1/2" x 7 3/4"
- Weight - 2 lbs.

SPECIFICATIONS

- Maximum ripple 10MV RMS
- Regulation Load + - .5%, Line 5%
- Output impedance 1 ohm
- Continuously variable output control 0-28V
- Short circuit protection
- Overload indicator
- No overshoot
- Response time 2 Micro seconds
- Meter accuracy 2% full scale
- Two variable bias voltages available at separate jacks
- Bakelite case - 3 1/4" x 5 1/2" x 7 1/2"
- Weight - 3 lbs.

Designed to industrial standards, the Seco Model RPS-5 is a continuously variable Power Supply that can be set to dial any voltage up to 28 volts DC. Versatile, accurate — zener regulated transistorized circuit maintains CONSTANT VOLTAGE with no overshoot over a wide load variation - better than 1% regulation at full rated output of 150MA.

An exclusive feature of the Model RPS-5 is its current metering circuit. This circuit keeps the meter out of the output circuit where any small added resistance or impedance is highly undesirable. All current metering is done ahead of the transistor. The transistor Icho requirements are extremely rigid and only high quality power transistors can be used in this Unit.

In addition, the RPS-5 is designed to feed into a short circuit for short periods without damage. Both meter shunts and meter are protected by a diode clamp circuit. Unit is also equipped with an overload indicator light which glows dim under normal load and shines bright in case of a short. Indicator light also serves as a fuse in case of a component failure inside the Unit itself.