San Diego, CA - Contact (858) 880-1400
EAMIL : orders@thesignsyndicate.com WEBSITE: http://thesignsyndicate.com

FOR T12 HO AND T8 HO LAMPS

Choose the proper ballast for lamp type (T12 or T8), lamp quantity and length lamp load - refer to the appropriate schedule of ballast lamps

TRANSCO BALLAST SELECTION GUIDE FOR T12 LAMPS



5 YEAR WARRANTY!

- UL Listed, Type 2, Class P
- High Power Factor
- Allows the use of All lamp sizes from 18” to 120”
- Type “HL” Rated for Use in Hazardous Locations
- Use with T12 and T8 HO Lamps
- Complies with CA Title 24
- Increases power to lamps in temperatures below 40F
- BROCHURE FILE LINK

MODEL NUMBER	NUMBER OF LAMPS	TOTAL LAMP FOOTAGE	START TEMP (F)	INPUT VOLTS	MAX LINE CURRENT	PRICE
	BALLAST FOR LAMPS UP TO (8) FEET IN LENGTH T12 HO					
TRA-13-0208 EP	1, 2 OR 3	18” min-8' max	-20	120	1.1	
TRA-13-424 EP	1, 2 OR 3	4’ min-24‘max	-20	120	1.5	
TRA-16-832 EP	1, 2, 3, 4, 5, OR 6	8’ min-32‘max	-20	120	2.0	
TRA-26-1048 EP	2, 3, 4, 5 OR 6	10’ min-48’ max	-20	120	2.6	
	BALLAST FOR LAMPS UP TO TEN (10) FOOT LAMPS T12 HO					
TRA-14-1040 EP	1, 2, 3 OR 4	10’ min-40’ max	-20	120	2.6	

BALLAST SELECTION GUIDE FOR T8 LAMPS

MODEL NUMBER	NUMBER OF LAMPS	TOTAL LAMP FOOTAGE	START TEMP (F)	INPUT VOLTS	MAX LINE CURRENT	PRICE
	BALLASTS FOR LAMPS UP TO SIX (6) FEET IN LENGTH T8 HO					
TRA-13-0208 EP	1, 2 OR 3	18” min-6' max	-20	120	1.1	
TRA-13-424 EP	1, 2 OR 3	4’ min-18‘max	-20	120	1.5	
TRA-16-832 EP	1, 2, 3, 4, 5, OR 6	8’ min-24‘max	-20	120	2.0	
TRA-26-1048 EP	2, 3, 4, 5 OR 6	10’ min-36’ max	-20	120	2.6	
	BALLASTS FOR UP TO (8) FOOT LAMPS T8 HO					
TRA-14-1040 EP	1, 2, 3 OR 4	10’ min-32’ max	-20	120	2.6	

* Four year warranty standard plus an additional year of warranty when used in conjunction with Transco or Kulka sockets

HO TOMBSTONES



HO SNAP-IN BUTTONS



DISCONNECT SWITCH



SAFETY LOCKING PLATE



HO Lamp Connectors & Disconnect Switches

PART #	MODEL / DESCRIPTION	QUANTITY	PRICE	PRICE 1-49
89726	782 - Snap-in Tombstone (Spring)	50 -200		
89727	783 - Snap-in Tombstone (Stationary)	50 -200		
89728	730-1 Snap-in Button (Spring)	50 -200		
89729	730-2 Snap-in Button (Stationary)	50 -200		

Toggle Disconnect Switches

PART #	MODEL / DESCRIPTION	QUANTITY	PRICE	PRICE 1-24
84660	Transco toggle switch with boot (Gray) - 20 amp.	25		
84613	Safety Locking Plate For Toggle Switch	25		
84610	Switch Rubber Boot (Gray)	25		
84605	Switch Rubber Boot (Black)	25		

GTO-15





Transco To Go Silicone GTO

High performance silicone insulation material proven tough, versatile, and superior resistance to fire, ozone, UV and corona.

- 250' Black Roll
-Rated for 15,000 VAC, 150 Deg C
- Conforms to UL Standard 814 for gas tube sign ignition cable
- Meets UL 879
- BROCHURE FILE LINK

GTO-15 Integral Sleeve Cable for 8 Series Easy Boots & Caps - 14 & 18 AWG

PART #	MODEL / DESCRIPTION	QUANTITY	PRICE
85335	GTO-10 Integral Sleeve Wire - Black 0.252 Diameter x 500-ft.(Rated for 10,000)	500 ft.	
85372	GTO-15 Integral Sleeve Wire - Black 0.311 Diameter x 250-ft.	250 ft.	

* Prices Subject To Change Anytime CB

EASY CAPS & BOOTS (Silicone)





Transco To Go - Neon Electrode Enclosures

Easy Caps & Boots for 14 AWG GTO , 15mm Electrodes
- Flexiible Silicone
- Rated for 15,000 Volts, 7,500 Volts to ground, Max Current 60mA
- UL Recognized For 879 8th Edition as an Enclosure System For Dry and Damp Locations
- UL (E129809)
- BROCHURE LINK

PART #	7 SERIES FOR 14 AWG TRANSCO GTO	QUANTITY	PRICE
88730	15mm ECDB 7-15 Black Cap- (For 14 AWG GTO)	100	
88735	15mm ECS 7-15 Black Boot - (For 14 AWG GTO)	100	
88830	15mm ECDB 7-15 White Cap - (For 14 AWG GTO)	100	
88825	13mm ECS 7-13 White Boot - (For 14 AWG GTO)	100	
	8 SERIES FOR 14 AWG GTO		
88780	15mm ECDB 8-15 Black Cap - (For 14AWG GTO)	100	
88785	15mm ECS 8-15 Black Boot - (For 14AWG GTO)	100	
88880	15mm ECDB 8-15 White Cap - (For 14AWG GTO)	100	
88885	15mm ECS 8-15 White Boot - (For 14AWG GTO)	100	
88770	13mm ECDB 8-13 Black Cap - (For 14AWG GTO)	100	
88775	13mm ECS 8-13 Black Boot - (For 14AWG GTO)	100	
88870	13mm ECDB 8-13 White Cap - (For 14AWG GTO)	100	
88875	13mm ECS 8-13 White Boot - (For 14AWG GTO)	100	

WET LOCATION BOOTS & GTO SLEEVING

Masters Technology Inc

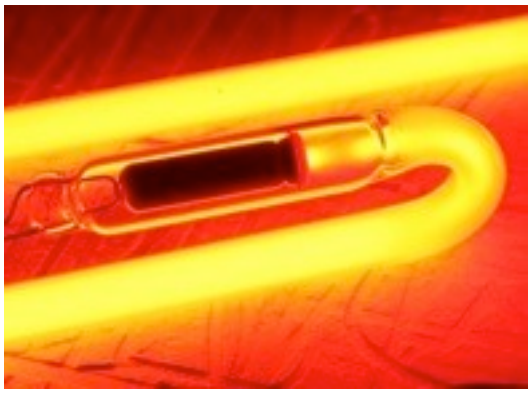
- Used for wet, damp, & dry locations
- Rated for use on 60 ma circuits
- Fully listed for U.L. 879
- 12mm, 13mm, & 15mm
- Colors in White, Black, & Gray



PART #	MODEL / DESCRIPTION	QTY	PRICE
WPEC-12	1 Piece 12mm Insulator Boot	50	
WPEC-13	1 Piece 13mm Insulator Boot	50	
WPEC-15	1 Piece 15mm Insulator Boot	50	
WESB-12	2 Piece 12mm Insulator Boot	25	
WESB-13	2 Piece 13mm Insulator Boot	25	
WESB-15	2 Piece 15mm Insulator Boot	25	
GTOS-50	1/2” x 50’ GTO Sleeving	50’	

NOVAGLO
LEAD FREE ELECTRODES





Transco To Go, LLC offers a range of popular sized Electrodes used in the neon industry worldwide. The highest quality raw materials were chosen to offer neon manufacturers a quality product coupled with user friendly processing. The manufacturing process is closely monitored throughout and specific Q.C. procedures are incorporated to ensure consistent quality.

- High quality pure iron shells, nickel plated dedicated plant to prevent contamination.
- The complete range has pure ceramic collars and mica discs
- A uniquely developed emission coating to give long life and easier processing
- Lead Free
- Tubulated & non-tubulated BROCHURE FILE LINK

Novaglo Lead Free Electrodes

PART #	NOVAGLO LEAD FREE ELECTRODES	QTY	PRICE
TRA-1560TC	Novaglo Electrodes 15MM Rated for 50-90MA - 70MM long (Tube)	100	
TRA-1560C	Novaglo Electrodes 15MM Rated for 50-90MA - 70MM long (Non-Tube)	100	
TRA-1360TC	Novaglo Electrodes 13MM Rated for 50-90MA - 70MM long (Tube)	100	
TRA-1360C	Novaglo Electrodes 13MM Rated for 50-90MA - 70MM long (Non-Tube)	100	
TRA-1260TC	Novaglo Electrodes 12MM Rated for 50-90MA - 70MM long (Tube)	100	
TRA-1260C	Novaglo Electrodes 12MM Rated for 50-90MA - 70MM long (Non-Tube)	100	

PLASCO TRIM CAP



PLASCO Trim cap is a Elkamet product, U.L. recognized component. UL File #E100102

165’ Rolls, 15’ more than the other trim cap manufacturers. Much easier on your fingers for fabricating channel letter faces. Use Channel Bond for fabricating Polycarbonate channel letter faces

Colors available in 3/4” & 1”: Black, White, Red, Blue, Green, Yellow, Bronze, Silver, Gold

PLASCO Trim Cap - Black, White, Bronze, Red, Blue, Gold, Silver, Green, Yellow

PART #	MODEL / DESCRIPTION	QUANTITY	PRICE
PLS-34	3/4” Plasco Trim Cap 165' Roll	1	
PLS-01	1” Plasco Trim Cap 165' Roll	1	

The UNT Tank

The Sign Industry's First Military Grade Neon Transformer



- Coolest running transformer on the market
- 100% Copper wire on the primary & secondary coils
- Redesigned larger core
- Higher grade Annealed steel
- Epoxy resin fill, not tar
- LED indicates the reason for service, allowing for quick & easy troubleshooting
- Service button for easy troubleshooting for ground faults & primary wiring problems
- BROCHURE FILE LINK

UNT-1512-N3G - VARIABLE MAGNETIC MODEL REPLACES 3 SECONDARY VOLT RATINGS 15,000v, 12,000v, 10500v

UNT-912-N3G - VARIABLE MAGNETIC MODEL REPLACES 5 SECONDARY VOLT RATINGS 9,000v, 7,500v, 6,000v, 4000v, 3000v

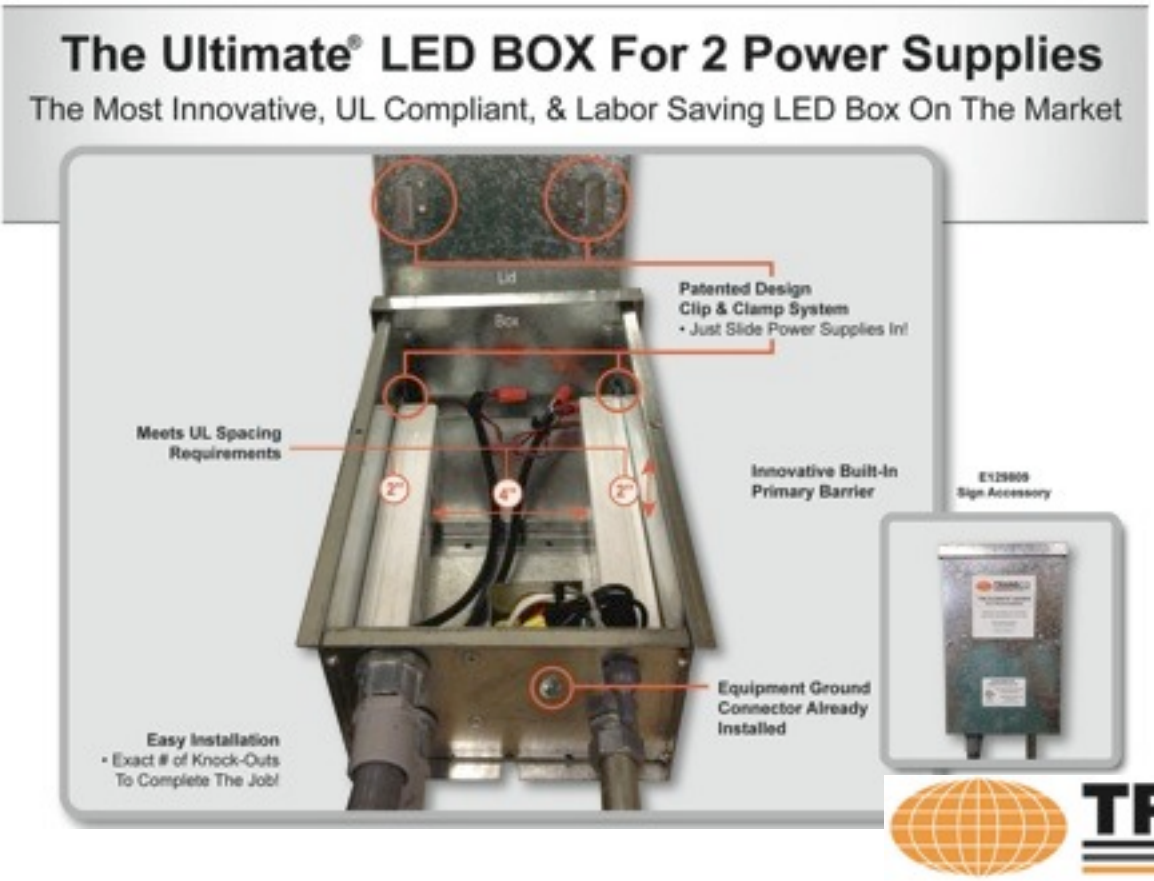
WET LOCATION ENCLOSURE



Transco UNT Tank Neon Outdoor Transformers & Wet Location Enclosure Boxes

		CASE DIMENSIONS			
PART #	**2 SELF ADJUSTING MODELS - VOLT RATINGS**	**L**	**W**	**H**	**PRICE**
UNT-1512-N3G	15,000v, 12,000v, 10500v	10.875"	4.375"	5.5"	
UNT-912-N3G	9000v, 7500v, 6000v, 4000v, 3000v	9.875"	3.625"	3.875"	

PART #	**TRANSFORMER ENCLOSURE BOXES**	**L**	**W**	**H**	
86190	18TB-TPO Enclosure Box (WET)	18"	7"	7"	



DISCONNECT SWITCH



SAFETY LOCKING PLATE



TRANSCO TO GO, LLC

1. Meets Or Exceeds All UL Requirements (SAM Manual) For Power Supply Spacing To Other Heat Protecting Components (4" & 2" Spacing Requirements)
2. Simplifies Ground Requirements For Most LED Drivers (**Equipment Ground Connector Hardware Already Installed**)
3. Makes Mounting Power Supplies Easy Using Out Patented Design Side Wall Clips & Clamp System (Accommodates Most Used LED Drivers) With No Fasteners or Drilling Necessary! Ensures Integrity of Box's WET Location Rating!
4. Pilot Hole For The Special Use Disconnect Switch In A Convenient Pace With Room To Fit All Switches Available
5. Features A Built-In Primary Barrier To Aid In Segregating Primary Wiring From All Secondary Leads
6. This Enclosure Box is Suitable For Use In Dry, Damp, & Wet Locations

LED Boxes & Complete LED Boxes

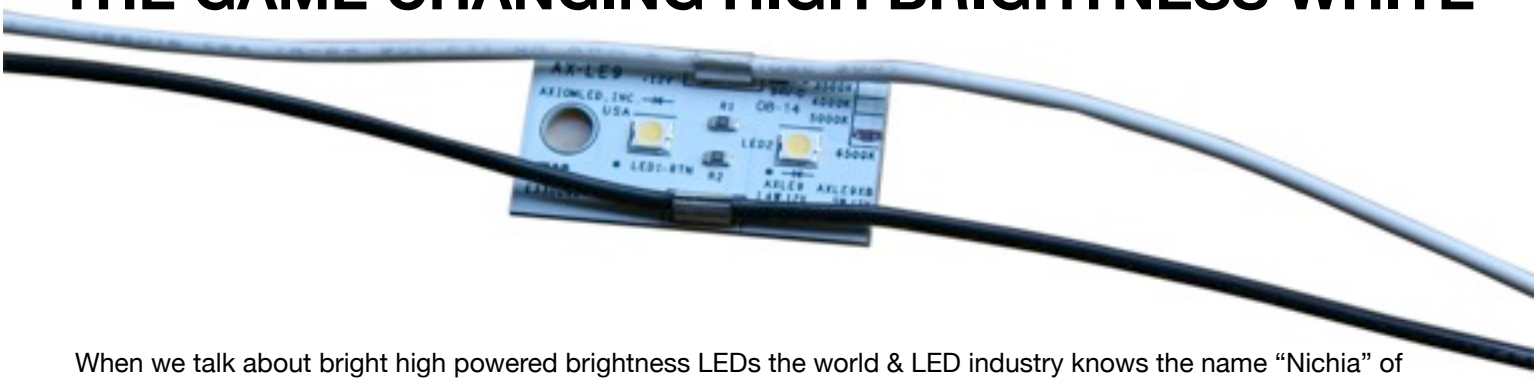
PART #	DESCRIPTION	QTY	PRICE
86220	Ultimate LED Box	1	
	Ultimate LED Box - 12 Case	12	
AXL1260-LD1	Complete LED Box w/ 1- 60W Axiom LED PS - Toggle Switch w/ Safety Plate	1	
AXL1260J-LD2	Complete LED Box w/ 2- 60W Axiom LED PS - Toggle Switch w/ Safety Plate	1	

Toggle Disconnect Switches

PART #	MODEL / DESCRIPTION	QUANTITY	PRICE	PRICE 1-24
84660	Transco toggle switch with boot (Gray) - 20 amp.	25		
84613	Safety Locking Plate For Toggle Switch	25		

AXIOM

THE GAME CHANGING HIGH BRIGHTNESS WHITE



When we talk about bright high powered brightness LEDs the world & LED industry knows the name “Nichia” of Japan for it’s quality phosphors. We are proud to announce this summer of 2014 the induction of Axiom LEDs into our LED product lineup. Axiom is no stranger being apart of the original class of 2008 that kicked off The Sign Syndicate’s electric sign industry renown high powered white light test comparison “The Great White Hope” that has over 36k hours of operation or 12+ years of sign years!!!

The Axiom LEDs meet and exceed Tri-Phosphor Neon & Fluorescent Lamp light output for sign applications in large Channel letters and Sign Cabinets as observed in The Great White Hope test comparison.

NICHIA

- **4x Brighter than JT LED (5 Year, 50K Lifetime)**
- **Nichia of Japan, LM80 Tested**
- **Up to 60°C Ambient Operating Temperature**
- **.5 watts at 12v, 110 pcs (55 FT) per 60 Watt Power Supply**
- **1.6 watts at 14.7v, 34 pcs (17 FT) per 60 Watt Power Supply**
- **UL Recognized for wet location in signs**



AXIOM LED POWER SUPPLY

12 Volt - Class II 60 Watt power supply. 90-277 VAC input. Manually adjustable DC voltage from 10.5v - 15v to be used with the Axiom LED AX-LE9 LEDs.

Rugged IP68 power supply is the smallest in delivered power and can operate in extreme temperatures(up to 80C). Listed in the U.L. SAM E317209, CE rated and operates at pressure levels of 30 feet underwater

MODEL	DESCRIPTION	QTY / FT	PRICE
AX-LE9	Axiom LED 2 Diode, 2 Module per foot	50 / 25’	
AX-LE9	Axiom LED 2 Diode, 2 Module per foot	100 / 50’	
AXL1260	12 Volt (Adjustable 10.5-15v) - 60 Watt LED Power Supply	1-25	

CHANNEL BOND

POLYCARBONATE TO POLYCARBONATE

- √ One Part System
- √ NO need to buy a gun
- √ NO need to buy nozzles
- √ NO more waste of unspent cartridges



Channel Bond is a one part system that's used to bond polycarbonate to polycarbonate, especially polycarbonate to Plasco Trim Cap for Channel Letter Faces. Our Youtube.com demonstration video LINK

You can bond polycarbonate to trim cap but you have to do it right, and give it time. Most of the time shops who have failed to bond the two materials did so because they bonded the materials incorrectly!!! Most of the time they simply applied the adhesive on top where the two materials are meeting, and NOT where the two surface faces actually touch each other. When shops don't do it correctly and have a failure it can lead to a misnomer that it cannot be done.

The best part about Channel Bond is it's a one part system, I said a 1 part system!!! No need to go out and purchase a special gun that combines a two part system, NO need to buy nozzle tips, NO need to throw away good half spent cartridges because it's already been activated. With Channel Bond you just use Hypo Needle applicator and pour what you don't use back in the container, simple!!! No wasting!!!
MSDS Sheet

RESIN BOND



Resin Bond For bonding acrylic to acrylic, and acrylic to Plasco Trim Cap

HYPO APPLICATOR

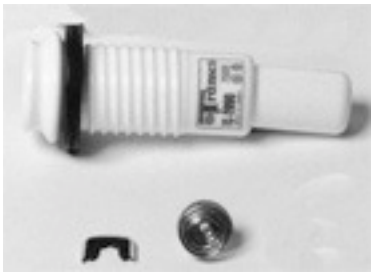


Resin & Channel Bond

PART #	MODEL / DESCRIPTION	QUANTITY	PRICE
86900	Resin Bond (Quart)	1 Quart	
86905	Resin Bond (Gallon)	1 Gal	
86945	Channel Bond	1 Quart	
86947	Channel Bond (Gallon)	1 Gallon	
	GLUE / SOLVENT APPLICATORS		
90080	Hypo Glue Applicator #29 For Resin Bond	1	
90085	Hypo Glue Applicator #49 For Channel Bond	1	

DISCONTINUED OR LIMITED NEON STOCK COMPONENTS

TC-2000 PK Replacement



TC-50



TC-200



TC-200 & TC-50 Porcelain Housings

PART #	MODEL / DESCRIPTION	QTY	PRICE
84300	TC-200 Porcelain Housing 3-1/2”(L) x 1-1/8” (ID) x 1-5/8” (OD)	50	
84137	TC-50 Peanut Porcelain Housing 2-1/2”(L) x7/8” (ID) x 1-1/4” (OD)	50	

TC-2000 Porcelain PK Housings & Accessories

PART #	MODEL / DESCRIPTION	QUANTITY	PRICE
84310	TC-2000 Porcelain Replacement Housing w/Spring	50	
84047	TC-2000 Spring Assembly	25	
84010	TC-2000 Rubber Washers	50	

PK SPRING

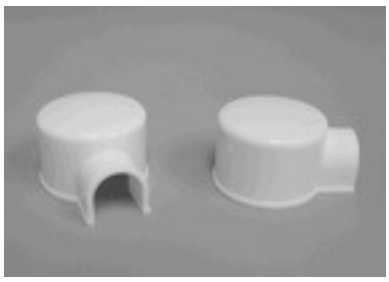


ELECTRODE HOUSING CAP





HV TERMINAL CAP



HV Electrode Housing Cap & Terminal Cap

PART #	MODEL / DESCRIPTION	QTY	PRICE
84005	Porcelain Electrode Housing Cap (13/12mm Electrode)	50	
83975	HV Terminal Cap #8	100	
83980	HV Terminal Cap #10 (Porcelain Housing)	100	
83985	HV Terminal Cap #12	100	

TC-HVIII



ELECTRODE CAP & BUTTON





TC-HVIII Junction Boxes, HV Terminal Caps, Brass Electrode Caps

PART #	MODEL / DESCRIPTION	QTY	PRICE
86300	TC-HV III High Voltage Junction Box Wet Location	25	
89075	QS Electrode Caps, 15MM CQ Long	100	
84090	Electrode Brass Button	25	

CASINO BUSHING



FEDERAL BUSHING



CONDUIT PLUG ASSEMBLY



Casino Bushing, Federal Bushings, & C.P.A. Conduit Plug Assembly

PART #	MODEL / DESCRIPTION	QTY	PRICE
84280	Casino Bushing	25	
84295	Federal Porcelain Panel Bushing (White)	100	
84295	Federal Porcelain Panel Bushing (Black)	100	
84270	C.P.A. Conduit Plug Assembly w/G-Cup (no wire hanger)	25	

G-2



D-2



G-2 & D-2 Housings

PART #	MODEL / DESCRIPTION	QTY	PRICE
84165	G-2 Housing	50	
84200	D-2 Electrode Connector	50	

CPI 6,000kV



• Output Voltage 6,000V / Output Current 35mA

CPI 10,000kV



• Output Voltage 10,000V / Output Current 35mA

CPI 12,000kV



• Output Voltage 12,000V / Output Current 42mA

- **Input Voltage 120VAC 50/60Hz**
- **Complies with UL2161**
- **Overload Protection Auto Shutdown**
- **Self Adjusting**
- **Aluminum Heat Sink To Protect**
- **No Mercury Migration**
- **6 Foot Power Cord**
- **24” Silicone GTO-15 Secondary Leads**
- **41” On/Off Pull String To Chain**

Electronic Neon Transformers

MODEL	MODEL / DESCRIPTION	QTY	PRICE	QTY	PRICE
CPI-6-35	CPI Advanced 6kV 35mA Neon Power Supply	1-5	$53.66	6-12	
CPI-10-35	CPI Advanced 10kV 35mA Neon Power Supply	1-5	$60.19	6-12	
CPI-EZ12	CPI Advanced 12kV 42mA Neon Power Supply	1-5	$63.29	6-12	

Clear Polycarbonate Spring Loaded Tube Supports

PART #	MODEL	QTY	PRICE
CH-10C	10mm Clip On Spring Load	100	
CH-12C	12mm Clip On Spring Load	100	
CH-13C	13mm Clip On Spring Load	100	
CH-15C	15mm Clip On Spring Load	100	



LAMP TESTER

- Safe and very easy to operate
- Tests NEON (Cold Cathode) Tubes
- Tests Fluorescent (Hot Cathode) Lamps
- Tests Mercury Metal Halide & Sodium Vapor Lamps
- Telescopic aerial for extended reach
- Continuity Test
- Battery Powered
- High frequency output

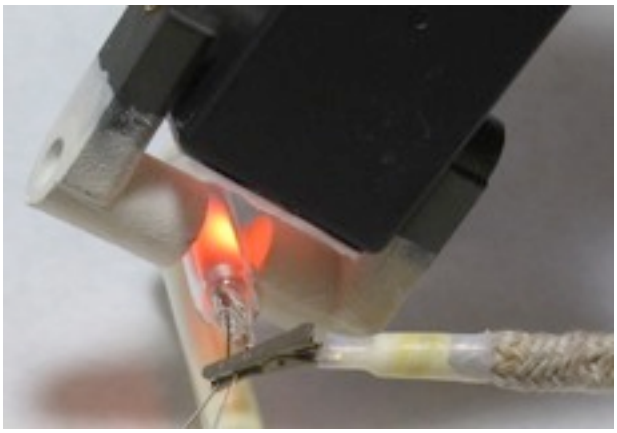


Lamp Tester

PART #	DESCRIPTION	QUANTITY	PRICE
84546	Lamp Tube Tester	1	

THE ELECTRA - NEON PROCESSING INDUCTION HEATER





PART #	MODEL / DESCRIPTION	QUANTITY	PRICE
FLUX-ELCTRA	Electra Induction Heater	1	

Electra is a definite purpose induction heater for the processing of neon cold cathodes. Using the 'flux concentration' technique, the output head offers the coveted open coil that lamp manufacturers want. The gap can accommodate electrodes from 10mm to the big 250mA, 19mm cold cathode electrodes. Heating time takes about 5 seconds, irrespective of shell size.

The Electra flux concentrator is made of a special ferrite material that shapes the magnetic field (flux). The object that is placed in the gap completes the magnetic path and thus heats. Because the field is so concentrated, an enormous amount of focused magnetic flux passes through the work piece, causing very fast heating.

The Electra is also capable of popping the mercury capsules in Eurocom HG++ and EGL Mer Plus electrodes. An attachment mounts between the flux gap and a coil slides over the electrode. 3 seconds is all it takes!

This is optimized for neon and cold cathode use--heating anything else will likely cause an overload.

The Electra is a definite-purpose induction heater for neon and cold cathode only.