

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Spectroline / Spectronics PC-2200A* at our website: *Click HERE*

FASTEST EPROM ERASING with Reliable SPECTROLINE® Systems

Whether you're erasing one EPROM chip or a thousand, you'll want the latest and most advanced UV erasing system available. We have thirteen high-performance systems to match your specific needs and your budget. They are specially designed to provide complete erasure of chips **in as little as 3 minutes or less!**

All Spectroline erasers are handsomely styled of rugged, anodized aluminum and stainless steel. They have a safety interlock to protect the user against accidental exposure to hazardous short wave (254nm) UV radiation. And each system is backed by Spectronics Corporation...**the world's largest manufacturer of UV EPROM erasing equipment.**

System	Automatic Timer Shut-Off	Chip Erasing Capacity*	Typical Intensity ($\mu W/cm^2$)
PE-140	No	9	8,000
PE-140T	Yes	9	8,000
PE-240T	Yes	12	9,600
PL-265T	Yes	30	9,600
PR-125T	Yes	25	17,000
PR-320T	Yes	42	17,000
PC-1100A	Yes	84	18,500
PC-2200A	Yes	168	18,500
PC-3300A	Yes	252	18,500
PC-4400A	Yes	336	18,500
PC-4420A	Yes	336	50,000**
PC-8820A	Yes	840	70,000**
PC-9920A	Yes	940 6" wafers (24) 8" wafers (12) 12" wafers (6) 8" w/ metal rings (6) 12" w/ metal rings (2)	70,000**

* Based on 24-pen EPROMs.
** Measured with Spectroline™ AccuMAX XR-1000 readout unit and XS-254 UV sensor detector.



◀ The PE-140, PE-140T and PE-240T are low-cost, desk-top lamps. They are the fastest, most efficient units of their size and are specially designed for **personal and small-systems users.** The PE-140 and PE-140T each feature a 4-watt tube, while the PE-240T has two 4-watt tubes.

The PL-265T, PR-125T and PR-320T are ▶ ideal lamps for **data processing centers and other medium-volume EPROM users.** The PL-265T is equipped with two 6-watt tubes, while the PR-125T and PR-320T feature high-intensity, ozone-free grid tubes for faster, more efficient erasing. All three units will accept PC boards and metric cards up to 4 x 9" (10 x 23cm).





◀ The PC-Series are large-capacity cabinets designed for **high-volume production requirements.** They use ultra-high intensity, ozone-free grid tubes with up to four times the throughput of competitive systems. All six units will accommodate PC boards, metric cards and 3" - 8" (75-200mm) wafers. In addition, the PC-3300A, PC-4400A, PC-4420A, PC-8820A and PC-9920A will accept open-face stocking tubes for mass chip erasing without unloading. Both the PC-8820B and the PC-9920A can also accomodate 12" (300nm) wafers.

The AccuMAX short wave UV radiometers ▶ **measure the UV intensity** of EPROM erasers.



TECHNICAL DATA

Specifications

Erasing Time Required in Minutes

Model	Chip Erasing Capacity	Typical Intensity ($\mu W/cm^2$)	Inside Tray Dimensions	Overall Housing Dimensions	Net Weight	Nominal Erasing Energy			Number of EPROMs in Eraser*
						6W-sec cm^2	10W-sec cm^2	15W-sec cm^2	
PE-140	9	8,000	2W x 6⅝L x ⅝"H (5.1W x 16.8L x 1.6cmH)	3¼W x 8L x 3¾"H (8.3W x 20.3L x 9.5cmH)	2¾ lbs. (1.2kg)	12.5 13.8 15.3	20.8 22.9 25.6	31.2 34.5 38.4	1 3 9
PE-140T	9	8,000	2W x 6⅝L x ⅝"H (5.1W x 16.8L x 1.6cmH)	3¼W x 10¼L x 3¾"H (8.3W x 26L x 9.5cmH)	3¼ lbs. (1.5kg)				
PE-240T	12	9,600	2W x 6⅝L x ⅝"H (5.1W x 16.8L x 1.6cmH)	3¼W x 10¼L x 3¾"H (8.3W x 26L x 9.5cmH)	3¼ lbs. (1.5kg)	10.4 10.9 13.6	17.4 18.1 22.7	26.0 27.2 34.1	2 4 12
PL-265T	30	9,600	4⅛W x 9⅞L x 1⅜"H (10.5W x 25.1L x 3.5cmH)	4⅝W x 11⅛L x 5⅜"H (11.7W x 28.3L x 13.7cmH)	6¼ lbs. (2.8kg)	10.4 10.9 13.6	17.4 18.1 22.7	26.0 27.2 34.1	2 5 30
PR-125T	25	17,000	4⅛W x 9⅞L x 1⅜"H (10.5W x 25.1L x 3.5cmH)	5W x 17⅜L x 6"H (12.7W x 44.1L x 15.3cmH)	15¼ lbs. (6.9kg)	5.9	9.8	14.7	1 chip to full capacity
PR-320T	42	17,000	4⅛W x 9⅞L x 1⅜"H (10.5W x 25.1L x 3.5cmH)	5W x 17⅜L x 6"H (12.7W x 44.1L x 15.3cmH)	15¼ lbs. (6.9kg)				
PC-1100A	84	18,500	8⅜W x 12L x 1⅜"H (21.3W x 30.5L x 3.5cmH)	12¼W x 18L x 8⅜"H (31.1W x 45.7L x 21.3cmH)	26 lbs. (11.8kg)	5.4	9.0	13.5	1 chip to full capacity
PC-2200A	168	18,500	16⅜W x 12L x 1⅜"H (41.6W x 30.5L x 3.5cmH)	20¼W x 18L x 8⅜"H (51.4W x 45.7L x 21.3cmH)	37 lbs. (16.8kg)				
PC-3300A	252	18,500	24⅜W x 12L x 1⅜"H (61.9W x 30.5L x 3.5cmH)	28¼W x 18L x 8⅜"H (71.8W x 45.7L x 21.3cmH)	52 lbs. (23.6kg)				
PC-4400A	336	18,500	32⅜W x 12L x 1⅜"H (82.2W x 30.5L x 3.5cmH)	36¼W x 18L x 8⅜"H (92.1W x 45.7L x 21.3cmH)	65 lbs. (29.5kg)				
PC-4420A	336	50,000**	32⅜W x 12L x 1⅜"H (82.2W x 30.5L x 3.5cmH)	37W x 18L x 12"H (94.0W x 45.7L x 30.5cmH)	140 lbs. (63.5kg)	4.0	6.7	10.0	1 chip to full capacity
PC-8820A	840	70,000**	32⅜W x 26¾L x 2"H (82.2W x 67.9L x 5.1cmH)	37W x 36L x 17½"H (94.0W x 91.4L x 44.5cmH)	275 lbs. (124.7kg)	2.5	4.2	6.3	1 chip to full capacity
PC-9920A	940 6" wafers (24) 8" wafers (12) 12 " wafers (6) 8" w/ metal rings (6) 12" w/ metal rings (2)	70,000**	28W x 36¾L x 1⅝"H (71.1W x 93.3L x 4.1cmH)	36½W x 40½L x 18"H (92.7W x 102.9L x 45.7cmH)	380 lbs. (172.4kg)	2.5	4.2	6.3	1 chip to full capacity

*Based on 24-pin EPROMs.
**Intensities measured with Spectroline AccuMAX XR-1000 readout unit and XS-254 UV sensor detector.

$$\text{Erase Time (Minutes)} = \frac{\text{Nominal Erasing Energy (W-sec/cm}^2\text{)} \times 1{,}000{,}000}{\text{UV Intensity } (\mu\text{W/cm}^2) \times 60}$$

NOTE: All units are UL listed, except the PC-4420A and PC-8820A. In addition, the PE-Series are CSA approved. Technical data subject to change.

SPECTRONICS CORPORATION
956 Brush Hollow Road, P.O. Box 483
Westbury, New York 11590
800-274-8888 • 516-333-4840
Fax: 800-491-6868 • 516-333-4859
www.spectroline.com

DISTRIBUTED BY:

8/10 A87038-7
PRINTED IN U.S.A.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP