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.**
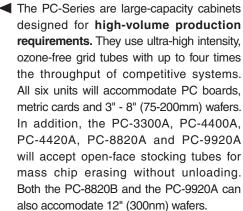
System	Automatic Timer Shut-Off	Chip Erasing Capacity*	Typical Intensity ($\mu W/cm^2$)
PE-140	No	9	8,000
PE-140T	Yes	9	8,000
PE-240T	Yes	12	9,600
PL-265T	Yes	30	9,600
PR-125T	Yes	25	17,000
PR-320T	Yes	42	17,000
PC-1100A	Yes	84	18,500
PC-2200A	Yes	168	18,500
PC-3300A	Yes	252	18,500
PC-4400A	Yes	336	18,500
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

<div style="text-align:center">Specifications   Erasing Time Required in Minutes</div>

Model	Chip Erasing Capacity	Typical Intensity (μW/cm²)	Inside Tray Dimensions	Overall Housing Dimensions	Net Weight	Nominal Erasing Energy			Number of EPROMs in Eraser*
						6W-sec cm²	10W-sec cm²	15W-sec cm²	
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	20.8	31.2	1
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)	13.8 / 15.3	22.9 / 25.6	34.5 / 38.4	3 / 9
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)	5.9	9.8	14.7	1 chip to full capacity
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)	5.4	9.0	13.5	1 chip to full capacity
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)	5.4	9.0	13.5	1 chip to full capacity
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)	5.4	9.0	13.5	1 chip to full capacity
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.

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

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.

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