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.

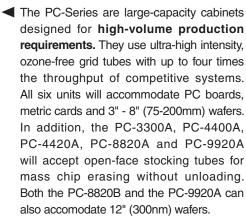
System	Automatic Timer Shut-Off	Chip Erasing Capacity*	Typical Intensity (μW/cm²)		
PE-140	No	9	8,000		
PE-140T	Yes 9		8,000		
PE-240T	Yes	Yes 12			
PL-265T	Yes	30	9,600		
PR-125T	Yes	25	17,000		
PR-320T	Yes	42	17,000		
PC-1100A	Yes	84	18,500		
PC-2200A	Yes	Yes 168			
PC-3300A	Yes	252	18,500		
PC-4400A	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.

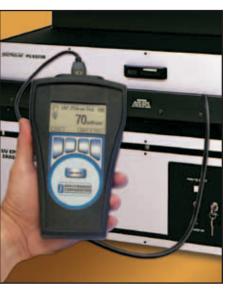
The PL-265T, PR-125T and PR-320T are ideal lamps for data processing centers and other medium-volume EPROM users. The PL-265T is equipped with two 6-watt tubes, while the PR-125T and PR-320T feature high-intensity, ozone-free grid tubes for faster, more efficient erasing. All three units will accept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



The 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 (µW/cm²)	Inside Tray Dimensions	Overall Housing Dimensions	Net Weight	Nominal Erasing Energy			Number of
						6W-sec cm²	10W-sec cm ²	15W-sec cm ²	EPROMs in Eraser*
PE-140	9	8,000	2W x 6%L x %"H (5.1W x 16.8L x 1.6cmH)	3½W x 8L x 3½"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 6%L x %"H (5.1W x 16.8L x 1.6cmH)	3½W x 10½L x 3¾"H (8.3W x 26L x 9.5cmH)	3½ lbs. (1.5kg)				
PE-240T	12	9,600	2W x 6%L x %"H (5.1W x 16.8L x 1.6cmH)	3½W x 10½L x 3¾"H (8.3W x 26L x 9.5cmH)	3½ 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	4½W x 9½L x 1½"H (10.5W x 25.1L x 3.5cmH)	45/W x 111/L x 53/"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	4½W x 9½L x 1¾"H (10.5W x 25.1L x 3.5cmH)	5W x 17 ³ /L x 6"H (12.7W x 44.1L x 15.3cmH)	15½ lbs. (6.9kg)	5.9	9.8	14.7	1 chip to full capacity
PR-320T	42	17,000	4½W x 9½L x 1½"H (10.5W x 25.1L x 3.5cmH)	5W x 17%L x 6"H (12.7W x 44.1L x 15.3cmH)	15½ lbs. (6.9kg)				
PC-1100A	84	18,500	8¾W x 12L x 1¾"H (21.3W x 30.5L x 3.5cmH)	12½W x 18L x 8%"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	16¾W x 12L x 1¾"H (41.6W x 30.5L x 3.5cmH)	20½W x 18L x 8½"H (51.4W x 45.7L x 21.3cmH)	37 lbs. (16.8kg)				
PC-3300A	252	18,500	24%W x 12L x 1%"H (61.9W x 30.5L x 3.5cmH)	28½W x 18L x 8%"H (71.8W x 45.7L x 21.3cmH)	52 lbs. (23.6kg)				
PC-4400A	336	18,500	32¾W x 12L x 1¾"H (82.2W x 30.5L x 3.5cmH)	36½W x 18L x 8¾"H (92.1W x 45.7L x 21.3cmH)	65 lbs. (29.5kg)				
PC-4420A	336	50,000**	32¾W x 12L x 1¾"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**	32¾W 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 1¾"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.

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.

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



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^{**}Intensities measured with Spectroline AccuMAX XR-1000 readout unit and XS-254 UV sensor detector.