

New Dumont C-R Tube, 2-Inch Size, List, \$7.50

A two-inch cathode-ray tube, type 24-XH, has just been announced by Allen B. Du Mont Laboratories, Inc., Dept. RW, 532 Valley Road, Upper Montclair, N. J.

This tube is of the high vacuum types with four electrostatic deflection plates, two common, mounted in a glass envelope having a full two inch fluorescent screen. It is $7\frac{5}{8}$ inch overall in length and a large octal base making this tube interchangeable with the 913. From 300 to 600 volts may be used on the second anode. The 24-XH is a practical tube for all routine operations where economy and compactness is essential without sacrificing screen area. List price is \$7.50. The illustration is on next page.

24-XH

TENTATIVE RATING AND CHARACTERISTICS

General Characteristics

Screen Size.....	2	Inches
Overall Length.....	7 $\frac{5}{8}$	Inches
Number of Deflection Plates	4	(2 Common)
Base	Large Octal 8-	Pin
Pin 1—Anode No. 2 Plates D ₂ and D ₄	Pin 5—Control Grid	
Pin 2—Heater and Cath- ode	Pin 6—Lower Plate D ₃	
Pin 3—Anode No. 1.	Pin 7—Heater	
Pin 4—Upper Plate D ₁	Pin 8—Blank	
Screen	Short Persistent	
Color of Screen.....	Greenish	
Type of Cathode.....	Indirect Heater	

Electrical Characteristics

Heater Voltage (A.C. or D.C.) .	6.3 volts
Heater Current6 amperes

Maximum Ratings

High Voltage Electrode (anode No. 2)	600 max. volts
Focus Electrode (anode No. 1).....	300 max. volts
Grid Voltage	Never Positive
Grid Voltage for Current Cut-off	—60 approx. volts
Power Per Sq. Cm. of Screen	10 max. Milliwatts

Typical Operating Conditions

Anode No. 2 Voltage..	400	500	600	Volts
Anode No. 1 Voltage..	80	100	120	Volts
Grid Voltage	Adjusted for Suitable Spot			