

# TONOTRON<sup>®</sup> TUBE-



a direct display Hughes Storage Tube presenting the fullest range of grey scale images...  
... ideal for high fidelity picture reproduction in radar systems. The Tonotron Tube is capable of retaining a half-tone image of good photographic quality for examination or copying until erased by the operator.

TYPE NO.	SCREEN DIAMETER	STANDARD PHOSPHOR	FOCUSING	DEFLECTION	REMARKS	TYPICAL APPLICATIONS	
7033	5"	P20	Electrostatic	Electromagnetic	8 pin (Vidicon) and 7 pin stems	Weather radar, Slow scan TV	
7221	5"	P20	Electrostatic	Electrostatic	2 guns—23 pin stem	Fire control radar	
7222	5"	P20	Electrostatic	Electrostatic	1 gun—Diheptal base	Fire control radar, Sonar, Oscilloscopes	
H1020	21"	P20	Electromagnetic	Electromagnetic		Air traffic control, Slow scan TV, Video Monitoring	
H1021	3"	P1	Electrostatic	Electrostatic	16 pin stem Short grid base	Fire control radar, Optical projection	
H1022	Same as 7221 except SiO target and selective erasure						
H1027	Same as 7033; VS lead is potted						
H1028	4"	P1	Electrostatic	Electrostatic	Single gun	Fire control radar	
H1029	4"	P1	Electrostatic	Electrostatic	2 guns—parallel	Fire control radar	
H1030	Same as 7221 except parallel writing guns						
H1031	4"	P1	Electrostatic	Electrostatic	2 guns—VS and base leads potted	Fire control radar	
H1032	5"	P1	Electrostatic	Electrostatic	Extremely high writing speeds: plate leads out neck	Oscilloscopes	
H1033	10"	P20	Electrostatic	Electromagnetic		Marine radar Sonar	
H1035	5"	P1	Electrostatic	Electrostatic	High writing speeds	Oscilloscopes	
H1037	21"	In development					

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**TYPOTRON®**

**MEMOTRON®**

**TONOTRON®**

# storage tubes

## TYPOTRON® TUBE-



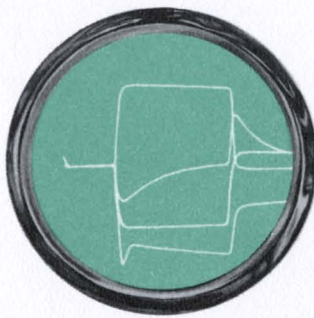
a Hughes Cathode Ray Tube for displaying a matrix of letters, numerals, symbols. There are 63 characters available in standard

or special alphabets. With a 21 inch tube as many as 4500 characters can be displayed on the tube face.

The Typotron Tube has the ability to retain the character display for extended periods, making it especially useful for air traffic control and as a visual readout with computers.

TYPE NO.	SCREEN DIAMETER	STANDARD PHOSPHOR	FOCUSING	DEFLECTION	CHARACTER CONVERGENCE	TYPICAL APPLICATIONS
6577	5"	P1	Electrostatic	Electrostatic	Electromagnetic	Computer readout
H1014	5"	P1	Electrostatic	Electrostatic	Electrostatic	Computer readout
H1015	5"	P1	Electrostatic	Electrostatic	Electrostatic	Computer readout
H1017	5"	P1	Electrostatic	Electrostatic	Electrostatic	Computer readout
H1019	21"	P20	Electrostatic	Electromagnetic	Electrostatic	Radar, Air traffic control, Computer readout

## MEMOTRON® TUBE-



a Storage Tube designed for the display and retention of electronic signal traces. The retention feature of the Memotron Tube allows a number of signals to be superimposed or stacked vertically for comparison. The tube is used extensively in image-retention oscilloscopes such as the Hughes Memo-scope® unit.

TYPE NO.	SCREEN DIAMETER	STANDARD PHOSPHOR	FOCUSING	DEFLECTION
6498	5"	P1	Electrostatic	Electrostatic

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