

Taylor

**CUSTOM
BUILT**

Tubes

THE FIRST IN A NEW SERIES WITH

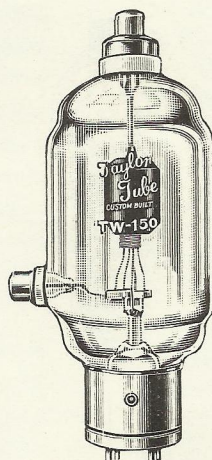


OUTSTANDING FEATURES

- **THIN-WALL CARBON ANODE**
.015" thick. One-piece—machined from a solid block of carbon.
- **WARP-PROOF**
Thin-Wall Carbon Anode retains its shape under any heat condition.
- **VISIBLE OPERATING TEMPERATURE**
Operates at cherry red heat at rated plate dissipation.
- **PUNCTURE-PROOF**
New scientific grid structure guarantees against punctures due to heating of glass.
- **ENCLOSED ANODE**
Affords complete "Electron Control" assuring added efficiency.

WILL STAND TEMPORARY OVERLOADS UP TO 800%

The TW-150 is a triode with a relatively high mu embodying a carbon plate of a revolutionary new design only 0.015 inches thick. The use of carbon makes it possible to use a smaller plate, thus reducing the inter-electrode capacitances. An ideal tube for U. H. F. applications. It can be operated at full ratings on frequencies as high as 60 mc. The grid supports are designed to prevent insulation break-down when operating in high bias, high efficiency circuits.



TW-150

150 WATTS PLATE DISSIPATION

CHARACTERISTICS

Filament Volts*	10.0
Filament Amperes*	4.1
Amplification Factor	35
*Obtainable on special order with 5.0 volt—8.2 Amp. Filament on UX 4-prong base.	

Interelectrode Capacities

Grid-Plate	2.0 MMF.
Grid-Filament	3.9 MMF.
Plate-Filament	0.8 MMF.
NONEX GLASS	50 WATT TYPE BASE

\$15.00

TW-150 RATINGS

CLASS C TELEGRAPH

Maximum Ratings

D. C. Plate Voltage	3000 Volts
D. C. Plate Current	200 Ma.
D. C. Grid Current	60 Ma.
D. C. Grid Voltage	—600 Volts
Plate Dissipation	150 Watts

Typical Operating Conditions

D. C. Plate Voltage	2000	2500	3000 Volts
D. C. Plate Current	200	200	200 Ma.
D. C. Grid Current	46	45	45 Ma.
D. C. Grid Voltage	—90	—120	—170 Volts
From Grid Leak of	1950	2670	3780 Ohms*
Plate Dissipation	110	130	130 Watts
Power Output	290	370	470 Watts
Driving Power	13	14	17 Watts

CLASS C TELEPHONY

Maximum Ratings (carrier)

D. C. Plate Voltage	3000 Volts
D. C. Plate Current	200 Ma.
D. C. Grid Current	60 Ma.
D. C. Grid Voltage	—600 Volts
Plate Dissipation	110 Watts

Typical Operating Conditions (carrier)

D. C. Plate Voltage	2000	2500	3000 Volts
D. C. Plate Current	200	185	165 Ma.
D. C. Grid Current	46	44	40 Ma.
D. C. Grid Voltage	—140	—200	—260 Volts
From Grid Leak of	3040	4550	6000 Ohms*
Or { Fixed Supply of	60	—75	—90 Volts
From { Grid Leak of	1740	2840	4250 Ohms*
Plate Dissipation	105	102	95 Watts
Power Output	295	360	400 Watts
Driving Power	16	17	17 Watts

*Nearest stock resistor value can be used.

