

# Taylor

CUSTOM  
BUILT

# Tubes

## T-200

200 WATTS PLATE DISSIPATION  
TRIODE

**\$21.50**

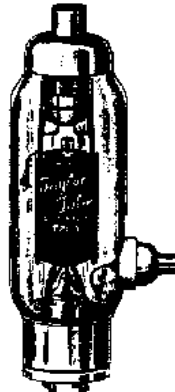
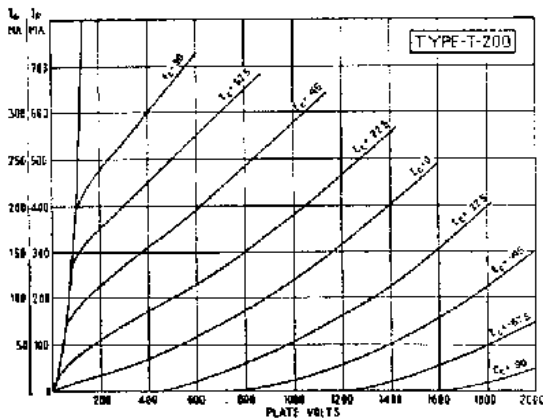
57.5 WATT FILAMENT

The T-200 has often been called "The Amateur's Power House Tube." A pair of these tubes push-pull will loaf along at 1 kw input on any frequency from 30 to 1.7MC. This tube uses the efficient flat form of construction and the inter-electrode capacities represent the best possible combination of inter-electrode capacities and other characteristics for best efficiency at moderate plate voltages with minimum grid drive requirements. The inter-electrode capacities are low enough for ease of neutralization yet are not so low that the characteristics of the tube are adversely affected. Many amateurs prefer a tube that will deliver good efficiency at high current and relatively low plate voltage and the T-200 is the answer. A plate modulated input of 450 watts with only 18 watts drive at 1500 volts is just what many have been thinking about and we recommend the T-200 highly under these conditions. A large percentage of high-powered transmitters on 75 and 160 meters use T-200's with great success.

The T200 is widely used in Diathermy equipment. This type of service is particularly hard on Tubes and the general acceptance of the T200 by many leading manufacturers of Diathermy equipment is convincing proof of the T200's rugged construction and conservative rating. Do not confuse the T200 with smaller tubes bearing the same type number.

### T-200 POPULARITY

*Some of the leading Diathermy and Induction Heating apparatus manufacturers use the Taylor T-200. Long, trouble-free operation is the factor that makes the Taylor T-200 the standard of comparison in its class.*



### GENERAL CHARACTERISTICS

Filament Volts .....	10.0
Filament Current, amps.....	5.75
Amplification Factor .....	17
Plate Dissipation, watts.....	200

### Inter-electrode Capacities

Grid-Plate, mmf. ....	7.9
Grid-Filament, mmf. ....	9.5
Plate-Filament, mmf. ....	1.6

### Overall Dimensions

Maximum Diameter, inches.....	9 3/4
Maximum Length, inches.....	3 3/4
50 Watt Base .....	Nonex Glass

### CLASS C TELEGRAPHY

#### Maximum Ratings

D. C. Plate Volts.....	2500
D. C. Plate Current, ma.....	350
D. C. Grid Current, ma.....	60
D. C. Grid Volts.....	400
Plate Dissipation, watts.....	200

#### Typical Operating Conditions

D. C. Plate Volts .....	2000	2500
D. C. Current, ma.....	350	300
D. C. Grid Current, ma.....	58	48
D. C. Grid Bias Volts.....	-205	-285
From Grid Leak of, ohms.....	3640	5500
Or { Fixed Supply of, volts.....	120	150
From { Plus Grid Leak of, ohms.....	1500	2400
Plate Dissipation, watts.....	178	180
Power Output, watts.....	522	590
Driving Power, watts.....	21.7	20

### CLASS C TELEPHONY

#### Maximum Ratings

D. C. Plate Volts.....	2000
D. C. Plate Current, ma.....	300
D. C. Grid Current, ma.....	60
D. C. Grid Volts.....	400
Plate Dissipation, watts.....	140

#### Typical Operating Conditions

D. C. Plate Volts.....	1500	2000
D. C. Plate Current, ma.....	300	250
D. C. Grid Current, ma.....	50	41
D. C. Grid Bias Volts.....	-205	-220
From Grid Leak of, ohms.....	4100	5400
Or { Fixed Supply of, volts.....	100	125
From { Plus Grid Leak of, ohms.....	2100	2300
Plate Dissipation, watts.....	117	110
Power Output, watts.....	333	390
Driving Power, watts.....	18.7	15