



ELECTRONIC TUBE REFERENCE

841SW

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Taylor carbon-anode triode designed especially for diathermy equipment and Class C oscillator or RF power-amplifier service. Its specialized medical RF-heating role combines with moderate transmitting power and kilovolt plate operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	10 V / 2 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	14.6
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM PLATE DISSIPATION	50 W
<i>Promoted values are from the printed Taylor ratings/characteristics on the approved one-page source; values not published in that source remain unpromoted.</i>	

Taylor 841-SW is a popular 50-watt carbon-anode diathermy tube with 10 V/2 A filament, amplification factor 14.6, and Class C oscillator/power-amplifier ratings.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 Taylor Tubes

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1940 TAYLOR TUBES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate current	150 mA	ClassC
Maximum grid current	30 mA	ClassC
Maximum RF grid current	5 A	ClassC