

THERAPY
X-RAY GENERATION

TH 5184
TH 5186
TH 5188

Switching and regulation tetrodes

- Withstand very high anode voltage from 85 to 120 kV
- High anode dissipation
- Oil cooling



THALES



TH 5188

High voltages, of the order of a hundred kilovolts, high currents and extensive work ratios are needed for medical X-ray sources.

Thales Electron Devices' long experience in very high voltage switching and regulation, enables us to offer a family of highly adaptable tetrodes.

These popular tetrodes offer excellent performances which ensure the highest levels of operating safety, reliability and lifetimes.

These products are designed, developed and manufactured at an ISO 9001 registered production site.

Electrical characteristics

	TH 5184	TH 5186	TH 5188	
Anode voltage	85	100	120	kV
Peak cathode current	5	5	10	A
Average anode dissipation	1	1.5	10	kW
Heater voltage	7.5	7.5	7.5	V
Heater current	17	17	35	A

Mechanical characteristics

Weight	3.6	5.2	6.5	kg approx.
Diameter	90	130	147	mm
Height	210	210	260	mm
Base	UTE 5 A 38	UTE 5 A 38	-	
Connector ref.	TH 16056	TH 16056	TH 16055	



This document cannot be considered to be a contractual specification. The information given herein may be modified without notice due to product improvement or further development. Consult Thales Electron Devices before making use of this information for equipment design.

For further information, please contact:

THALES ELECTRON DEVICES

2 bis, rue Latécoère - 78941 Vélizy Cedex - France
Tel: + 33 1 30 70 35 00 - Fax: + 33 1 30 70 35 35
www.thalesgroup.com/electrondevices

Telecomunicaciones Cordi, C.A.

Caracas - Venezuela
Telfs: 58-0212-2662525 / 2646155
Fax: 58-0212-2620177
email: telcordica@hotmail.com
cordi@cantv.net