

Test Equipment Solutions Datasheet

Test Equipment Solutions Ltd specialise in the second user sale, rental and distribution of quality test & measurement (T&M) equipment. We stock all major equipment types such as spectrum analyzers, signal generators, oscilloscopes, power meters, logic analysers etc from all the major suppliers such as Agilent, Tektronix, Anritsu and Rohde & Schwarz.

We are focused at the professional end of the marketplace, primarily working with customers for whom high performance, quality and service are key, whilst realising the cost savings that second user equipment offers. As such, we fully test & refurbish equipment in our in-house, traceable Lab. Items are supplied with manuals, accessories and typically a full no-quibble 1 year warranty. Our staff have extensive backgrounds in T&M, totalling over 150 years of combined experience, which enables us to deliver industry-leading service and support. We endeavour to be customer focused in every way right down to the detail, such as offering free delivery on sales, presenting flexible technical + commercial solutions and supplying a loan unit during warranty repair, if available.

As well as the headline benefit of cost saving, second user offers shorter lead times, higher reliability and multivendor solutions. Rental, of course, is ideal for shorter term needs and offers fast delivery, flexibility, try-before-you-buy, zero capital expenditure, lower risk and off balance sheet accounting. Both second user and rental improve the key business measure of Return On Capital Employed.

We are based at Aldermaston in the UK from where we supply test equipment worldwide. Our facility incorporates Sales, Support, Admin, Logistics and our own in-house Lab.

All products supplied by Test Equipment Solutions include:

- No-quibble parts & labour warranty (we provide transport for UK mainland addresses).
- Free loan equipment during warranty repair, if available.
- Full electrical, mechanical and safety refurbishment in our 40GHz in-house Lab.
- Certificate of Conformance (calibration available on request).
- Manuals and accessories required for normal operation.
- Free insured delivery to your UK mainland address (sales).
- Support from our team of seasoned Test & Measurement engineers.
- ISO9001 quality assurance.

Test Equipment Solutions Ltd
Unit 3 Zodiac House
Calleva Park
Aldermaston
Berkshire
RG7 8HN

T: 01183 800 800
F: 01183 800 804

Email: info@TestEquipmentHQ.com
Web: www.TestEquipmentHQ.com





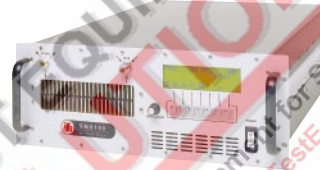
SMX-CMX SERIES

Solid State & Tetrode Tube Combination Amplifiers

10 KHz-1.0 GHz

Features Include:

- *Digital Display Monitors:* Power Supply Currents, Voltage, Forward RF Power, Reflected RF Power, (Optional on CMX Models) Total Hours, Operate Hours,
- *Status Indicators:* Power On, Standby, Operate,
- *Faults:* Overcurrent, VSWR Overload, Thermal Overloads, Air Flow Power Supply
- *Controls:* AC Breaker On/Off, Standby, Operate, Fault Reset, Local/Remote
- Ease of Maintenance
- Designed to meet the safety requirements of the IEC-348 and Underwriters Laboratory of American Standards
- Broadband Coverage
- Applications Include: MIL-STD-461/462, RTCA/D0-160, SAE Specifications, Radiated Susceptibility, Bellcore testing, Broadband Communications.
- Ruggedized Versions are available for Shipboard and Airborne applications



Models And Specifications

Model Number	Frequency Range (MHz)	Min Pwr Out* (Watts)	Min Sat Gain* (dB)	Rack Type
SMX-10	.01-1000	10	40	A
SMX-25	.01-1000	25	44	A
SMX-50	.01-1000	50	47	A
SMX-100	.01-1000	100	50	A
SMX-200	.01-1000	200	53	B
CMX-3001	.01-1000	300/100	55/50	C
CMX-3002	.01-1000	300/200	55/53	C
CMX-3003	.01-1000	300/300	55/55	C
CMX-5001	.01-1000	500/100	57/50	C
CMX-5002	.01-1000	500/200	57/53	C
CMX-5003	.01-1000	500/300	57/55	C
CMX-5005	.01-1000	500/500	57/57	C
CMX-10001	.01-1000	1000/100	60/50	D
CMX-10002	.01-1000	1000/200	60/53	D
CMX-10003	.01-1000	1000/300	60/55	D
CMX-10005	.01-1000	1000/500	60/57	D
CMX-100010	.01-1000	1000/1000	60/60	D

INSTRUMENTS FOR INDUSTRY INC.

903 South Second Street, Ronkonkoma, NY 11779

Tel: 631-467-8400 • Fax: 631-467-8558 • E mail: sales@ifi.com

www.ifi.com

SMX-CMX SERIES

Solid State & Tetrode Combination Tube Amplifiers

10 KHz-1.0 GHz

Prime Power:

100/115/220/230 or 240VAC $\pm 10\%$ 50/60 Hz, single phase
115/208 or 200/220/230/240VAC $\pm 10\%$ 50/60 Hz,
three phase Wye, Delta and/or 400 Hz power is available

Mechanical

Dimensions: See chart below
Weight: See chart below
Cooling: Internal forced air

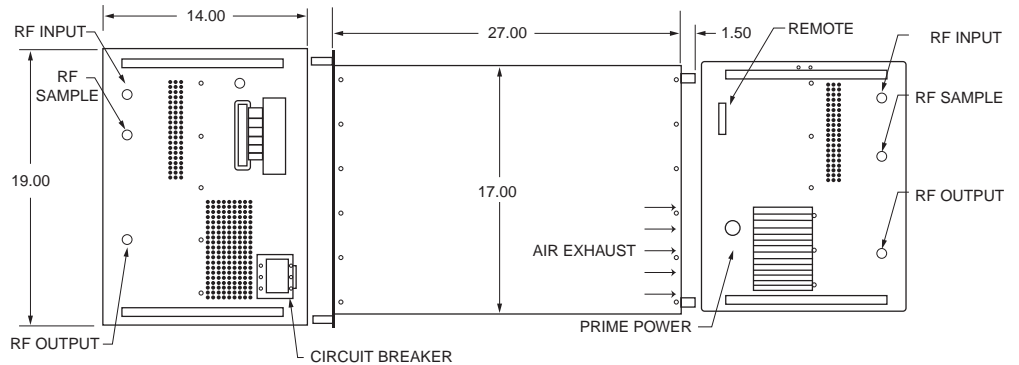
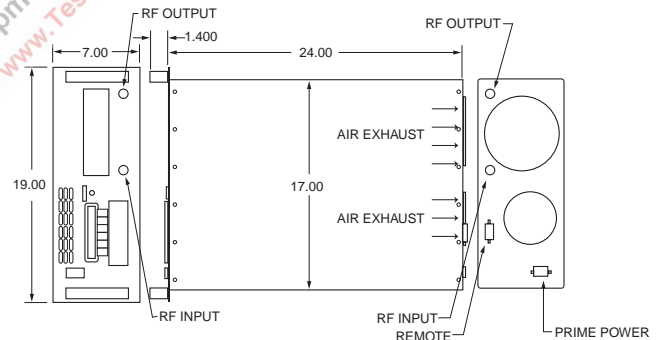
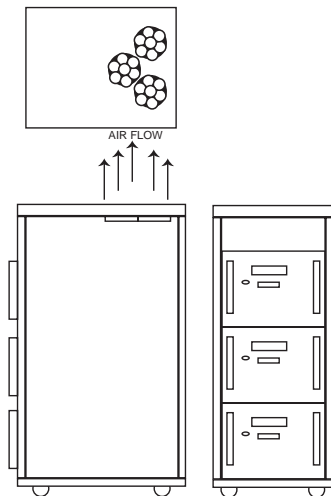
Remote Operation

GPIB, RS232, optional RS422, RS485,
or TTL Remote Control

Outline Drawing:

Specifications subject to change without notice

Type	Height	Width	Depth	Weight
(Rack Mount) A	7"	19"	24"	75 lbs.
(Rack Mount) B	14"	19"	27"	125 lbs.
(Cabinet) C	72"	22"	30"	700 lbs.
(Cabinet) D	80"	27"	30"	800 lbs.



To view typical performance data go to www.ifi.com/typdata.htm



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