

Shaker system power amplifier

WST7B³

SPECIFICATIONS

Output - electromagnetic shaker load¹

Maximum power output, rated at 4Ω load	900 watts
Frequency response, -3 dB	0.5 Hz to >20 kHz
THD at rated power, max	0.013%

Output - piezoelectric shaker load²

Maximum power output, rated at 11Ω load	225 watts, max
Frequency response, -3 dB	500 Hz to 150 kHz
THD at rated power, max	1%

Front panel	power switch, clipping indicator
-------------	----------------------------------

Protection	rear-panel 12 A fuse, internal thermal protection
------------	---

Impedance	approx. 10 kΩ
-----------	---------------

Input connector	BNC, case grounded
-----------------	--------------------

Maximum signal	2.4 V rms (3.39 peak/peak)
----------------	----------------------------

Signal gain	29 dB (high) or 23 dB (low)
-------------	-----------------------------

Output connector	Binding posts (R8B)
------------------	---------------------

Maximum output	70 V peak (50 V rms)
----------------	----------------------

Size (W x H x D)	19 x 5.25 x 17.75 inches (482 x 133 x 451 mm)
------------------	--

Power requirements:	
WST7B ³	120 VAC, 15 A
WST7B ³ -220	220 VAC, 15 A

Compatible equipment:	
Electromagnetic shakers	F3, F4, F10
Piezoelectric shakers ^{1,2}	F7, F7-1
Matching networks	N7FS, N8HFS

Notes: ¹ Full output may not be available over entire operating range.

² With appropriate matching networks.

Options: WST7B³-220 (220 VAC) model available



Key features

- 19" rack mountable
- Designed to operate with shakers (direct drive of models F4, F10)
- Low distortion over entire range of operation
- Manufactured in ISO 9001 facility



Note: Due to continuous process improvement, specifications are subject to change without notice.