



# 1100 SERIES DIGITAL OIL COOLED DUMMY LOADS



10 KW  
with Fan

The 1100 Digital Series Oil Cooled RF Loads operating in the 470-890 MHz range, demonstrate the same reliability that all Altronic dummy loads are known for around the world. While providing better RF characteristics than what has previously been available, these loads also have better RF stability under full power. By utilizing Power Film Systems' low TCR proprietary resistors along with higher performing cooling dielectric oil, these loads provide superior results not seen in the industry.

A thermal interlock is a **standard feature** on these oil cooled loads and will automatically shut down the transmitter when properly connected if an overheat condition occurs.

## SPECIFICATIONS

	MODEL 1101D	MODEL 11015D	MODEL 11025D	MODEL 1105D	MODEL 1110D
POWER RATING (RMS) <small>(CONTINUOUS DUTY)</small>	1 KW	1.5 KW	2.5 KW	5 KW	10 KW
FREQUENCY RANGE	470-890 MHz	470-890 MHz	470-890 MHz	470-890 MHz	470-890 MHz
IMPEDANCE	50Ω nominal	50Ω nominal	50Ω nominal	50Ω nominal	50Ω nominal
VSWR	1.065:1 Max.	1.065:1 Max.	1.065:1 Max.	1.1:1	1.1:1
AC POWER REQUIRED	N/A	N/A	N/A	N/A	115-240VAC 60Hz (50 Hz available)
INPUT CONNECTORS	QC, Stub	QC, Stub	QC, Stub	QC*, 1-5/8"EIA, 3-1/8"EIA	QC*, 1-5/8"EIA, 3-1/8"EIA
NOMINAL DIMENSIONS <small>(INCL. CONNECTIONS)</small>	17" x 8" x 10½" (43.5 x 21 x 27cm)	14½" x 7½" x 18" (36.5 x 18.5 x 46cm)	22" x 7½" x 18" (56.7 x 18.5 x 46cm)	31" x 10" x 28" (78.6 x 25.4 x 71.4cm)	32" x 10" x 34½" (80.5 x 25.4 x 88cm)
NOMINAL WT.	33 lbs. (15 kg.)	49 lbs. (22 kg.)	62 lbs. (28 kg.)	150 lbs. (68 kg.)	174 lbs. (79 kg.)

*\* Power is limited with QC depending on connector*

# ALTRONIC RESEARCH INC.

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