

CASCADE LASER CORPORATION

Portable RF Wattmeter Model 43

Product Information



Figure 1: Model 43

Notable Features:

- Field Ready
- Easy to use
- Rugged & Reliable

Product Specifications:

Accuracy:	+/-5% of full scale
Frequency Range:	450 kHz to 2.7 GHz (depending on elements)
Connector:	QC Type (Female N normally supplied)
Insertion VSWR:	with N connectors 1.05 max. to 1000 MHz
Power Range:	100mW to 10kW using Bird Plug-In Elements
Weight:	3 lbs. (1.4 kg)
	6-7/8" H x 5-1/8" W x 3-5/8" D
Nominal Size:	(175mm x 130mm x 92mm)
Finish:	Light gray powder coat

Elements

Power Range	Frequency Bands (MHz)					
	2-30	25-60	50-125	100-250	200-500	400-1000
5W	-	5A	5B	5C	5D	5E
10W	-	10A	10B	10C	10D	10E
25W	-	25A	25B	25C	25D	25E
50W	50H	50A	50B	50C	50D	50E
100W	100H	100A	100B	100C	100D	100E
250W	250H	250A	250B	250C	250D	250E
500W	500H	500A	500B	500C	500D	500E
1000W	1000H	1000A	1000B	1000C	1000D	1000E
2500W	2500H	-	-	-	-	-
5000W	5000H	-	-	-	-	-

1 Watt												
Frequency	40-50	50-60	60-80	80-90	95-125	110-160	150-250	200-300	275-450	425-850	800-1000	
Part#	040-1	050-1	060-1	080-1	095-1	110-1	150-1	200-1	275-1	425-1	801-1	
Frequency	25-30	30-40	40-50	50-60	60-80	80-95	95-150	150-250	200-300	250-450	400-850	800-1000
Part#	025-2	030-2	040-2	050-2	060-2	080-2	095-2	150-2	200-2	250-2	400-2	801-2

Power Range	Frequency Bands (MHz)							
	950-1260	1100-1800	1700-2200	2200-2300	2300-2400	2400-2500	2500-2600	2600-2700
1W	IJ	IK	IL	IM	431-17	431-20	431-23	431-120
2.5W	2.5J	2.5K	2.5L	2.5M	431-110	431-107	431-108	431-117
5W	5J	5K	5L	5M	432-15	432-28	432-2	432-12
10W	10J	10K	10L	10M	432-125	432-141	432-102	432-104
25W	25J	25K	25L	25M	433-19	433-20	433-35	433-36
50W	50J	50K	50L	50M	433-37	433-38	433-163	433-164
100W	100J	-	-	-	-	-	-	-
250W	250J	-	-	-	-	-	-	-

Power Range	Frequency Bands (MHz)						
	950-1260	1250-1500	1500-1700	1700-2200	2300-2400	2400-2500	2500-2600
100mW	430-82	430-209	430-210	430-178	430-211	430-182	-
250mW	-	-	-	430-1	430-239	430-240	430-241
500mW	-	430-259	-	430-95	-	430-159	-

Power Range	Frequency Band
	.45 - 2.5 MHz
1000W	1000P
2500W	2500P
5000W	5000P
10000W	10000P

100mW													
Frequency	40-50	72-76	108-136	135-175	320-340	400-420	420-450	450-470	600-800	800-1000			
		430-266	430-2	430-57	430-86	430-205	430-7	430-208	430-8	430-169	430-263		
500mW													
Frequency	72-76	88-108	105-120	120-136	136-150	240-290	290-340	340-360	350-400	400-450	450-500	600-800	800-1000
		430-33	430-247	430-26	430-248	430-249	430-27	430-253	430-157	430-254	430-255	430-256	430-258
2.5W													
Frequency	72-76	88-108	105-120	116-126	130-150	190-210	450-470	800-1000					
		430-22	430-217	430-20	430-48	430-13	430-65	430-61	430-264				

Contact Cascade Laser Corporation for ordering information or to request a quotation on any of these products.

Cascade Laser Corp.

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