

# DRAKE



## MM806 MODULATION MONITOR & AGILE VIDEO DEMODULATOR

The Drake MM806 Modulation Monitor is a professional quality agile television demodulator with video and audio metering that demodulates any VHF, UHF, or CATV channel (54 through 806 MHz). The MM806 may be added to any headend installation to select and monitor any NTSC channel to allow setup of video and audio levels.

- Ensures correct and consistent audio and video modulation levels from channel to channel for your entire headend system.
- Synthesized reception of off-air TV channels 2 through 69, and CATV channels 2 through 125; selection set by a convenient front panel push wheel switch.
- Two modulation meters are located on the front panel for ease of operation and provide readout of video modulation and audio deviation percentages.
- Nominal 1.0 Vp-p standard negative sync video output.
- Made with pride in the U.S.A.

### Specifications

<b>RF</b>	
Input Frequency Range:	54 through 806 MHz, Off-Air channels 2 through 69, CATV channels 2 through 125.
Input Level:	-10 to +35 dBmV
Noise Figure:	VHF: 8 dB UHF: 10 dB
Image Rejection:	VHF: 65 dB UHF: 50 dB
Input Impedance:	75 Ohms
<b>Video</b>	
Output Level:	1.0 Vp-p nominal, NTSC standard negative sync, adjustable with front panel control from approx. 0.7 to 1.5 Vp-p
Output Impedance:	75 Ohms
Differential Gain:	Less than 5%
Differential Phase:	Less than 5 degrees
L/C Delay:	125 nanoseconds nominal
<b>Audio</b>	

Output Level:	300 mV rms $\pm$ 10 dB adjustable, unbalanced
Output Impedance:	Less than 500 Ohms
<b>Metering</b>	
Video:	0% to 100% AM modulation. 87.5% is set point.
Audio:	0% to 100% of 25kHz peak FM deviation
<b>General</b>	
Power Requirements:	115 VAC $\pm$ 10%, 60 Hz, 10 watts
Operating Temperature:	0° to 50° Celsius (32° to 122° Fahrenheit), ambient.
Dimensions:	1.75 inches (45 mm) Height x 19 inches (483 mm) Width x 4 inches (102 mm) Depth
Weight:	4.3 lbs. (2.0 Kg.)
Connectors:	RF input and video output are type F, unbalanced audio output is RCA phono.

Specifications, price, and availability are subject to change without notice or obligation.