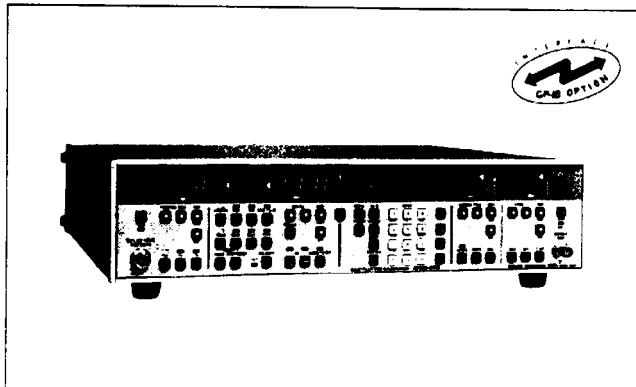


# WOW FLUTTER CALIBRATOR



## <SPECIFICATIONS>

### Carrier Frequency

<b>Range</b>	10.00Hz to 99.99kHz in four bands.
<b>Drift Setting</b>	0 to $\pm 19.99\%$ , in one band.

### Frequency-Modulation (FM) frequency

<b>Range</b>	0.1Hz to 30kHz in five bands.
<b>Response</b>	$\pm 0.1\text{dB}$ .
<b>Accuracy</b>	$\pm 0.01\%$ .

### IEC/CCIR/DIN/ANSI pulse Characteristics

<b>Pulse Width</b>	10ms, 30ms, 60ms and 100ms.
<b>Repetition Period</b>	1 second.
<b>Polarity</b>	Positive and negative.

### Frequency Modulation (FM)

<b>Range</b>	0 to 3.999%.
<b>Accuracy</b>	$\pm 1\%$ at 3% deviation.

### Amplitude Modulation (AM)

<b>Range</b>	0 to 100%.
<b>Internal Modulator</b>	4Hz square wave.

### Output Characteristics

<b>Range</b>	0.01mV to 6.32Vrms, at open circuit
<b>Distortion</b>	Less than $-50\text{dB}$ at 3.16Vrms into $600\Omega$ .
<b>Residual FM</b>	Less than $100\text{dB}$ at 3kHz deviation in demodulated range, 0.1Hz to 300Hz.

### General Data

<b>Back-up battery provided</b>	AC 100V, 115V, 215V or 230V
<b>Power Requirements</b>	$\pm 10\%$ , 50/60Hz; approx. 100VA.
<b>Dimensions, overall</b>	Approx. 430(W) $\times$ 115(H) $\times$ 475(D) mm.
<b>Weight</b>	Approx. 15.5kg.

## <DESCRIPTION>

The MWS-672 is intended for use in accurate calibration of wow flutter meters. It is designed to generate wow flutter signals over a wide frequency range using sine, triangle and square waves.

## <FEATURES>

- A microprocessor is incorporated.
- Calibration signals available for instruments used in JIS, NAB, DIN (IEC/ANSI) and CCIR wow flutter testing.
- Generates standard wow flutter signals in the 10Hz to 100kHz range.
- Digital display of the wow flutter, center frequency, center frequency drift,  $\Delta f$ , modulation frequency output voltage, time and amount of AM.
- Following modes and data can be entered: wow flutter value, center frequency, modulation frequency, output voltage and amount of AM.
- All modes and data can be memorized and used in the sequence mode with simple keyboard manipulation.
- Equipped with a function for JIS operating characteristic check.
- Self-checking function provided.
- Usable as a function generator in the 0.1Hz to 30kHz range.
- On option, the GP-IB interface can be incorporated.