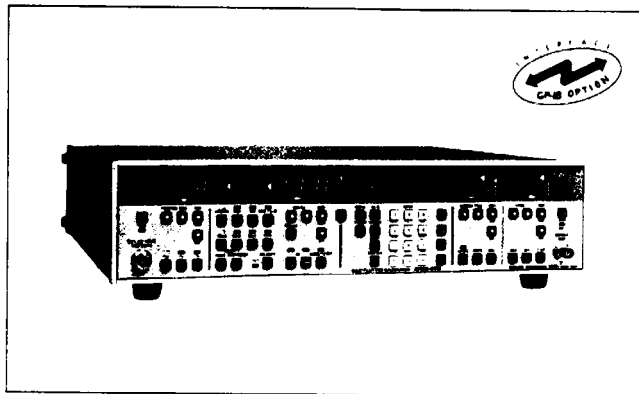


WOW FLUTTER CALIBRATOR



< 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, Δf , 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 sequency 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.

< SPECIFICATIONS >

Carrier Frequency	
Range	10.00Hz to 99.99kHz in four bands.
Drift Setting	0 to $\pm 19.99\%$, in one band.
Frequency-Modulation (FM) frequency	
Range	0.1Hz to 30kHz in five bands.
Response	$\pm 0.1\text{dB}$.
Accuracy	$\pm 0.01\%$.
IEC/CCIR/DIN/ANSI pulse Characteristics	
Pulse Width	10ms, 30ms, 60ms and 100ms.
Repetition Period	1 second.
Polarity	Positive and negative.
Frequency Modulation (FM)	
Range	0 to 3.999%.
Accuracy	$\pm 1\%$ at 3% deviation.
Amplitude Modulation (AM)	
Range	0 to 100%.
Internal Modulator	4Hz square wave.
Output Characteristics	
Range	0.01mV to 6.32Vrms, at open circuit
Distortion	Less than -50dB at 3.16Vrms into 600 Ω .
Residual FM	Less than 100dB at 3kHz deviation in demodulated range, 0.1Hz to 300Hz.
General Data	
Back-up battery provided	
Power Requirements	AC 100V, 115V, 215V or 230V $\pm 10\%$, 50/60Hz; approx. 100VA.
Dimensions, overall	Approx. 430(W) \times 115(H) \times 475(D) mm.
Weight	Approx. 15.5kg.