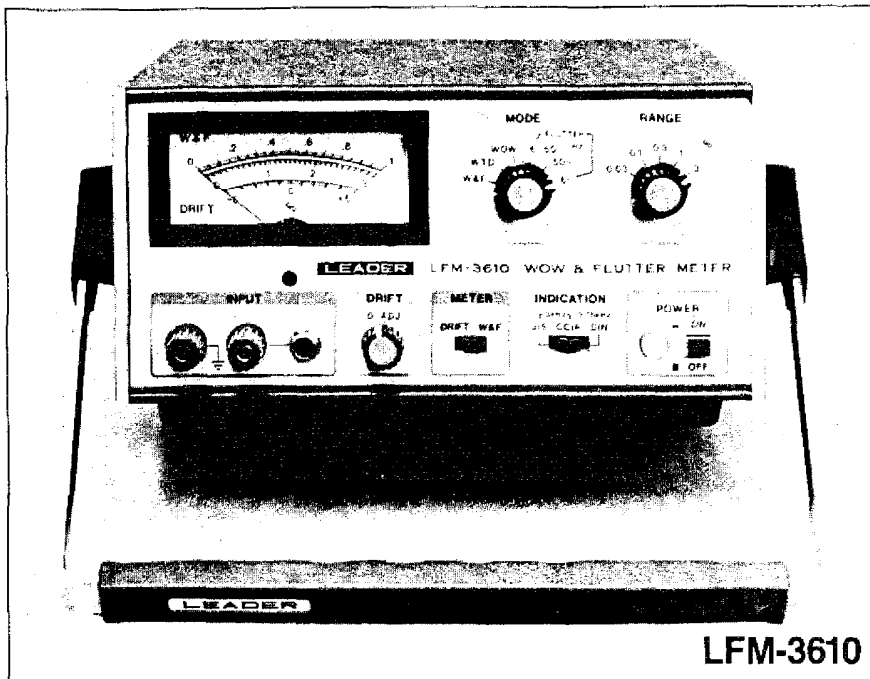


Wow and Flutter Meter

- Measures Wow & Flutter and Drift
- Selectable JIS, CCIR and DIN
- Crystal Controlled Reference Oscillator
- Selectable Frequency Ranges for Flutter Measurements



The LFM-3610 is a wow and flutter/drift meter designed primarily for the service, testing and repair of turntables and record/playback equipment. Selectable flutter test frequency ranges permits isolating the trouble area to the capstan, motor or belt quickly and accurately. Measurements to JIS, CCIR and DIN standards are front panel selectable. The unit's frequency selector measurement feature greatly reduces the troubleshooting and testing time normally associated with the repair of turntables and record/playback equipment. The unit's reference frequency oscillator is crystal controlled for precise, repeatable test results. The LFM-3610 will measure drift, and wow and flutter either separately or combined.

SPECIFICATIONS

INPUT REQUIREMENTS

Frequency
 3 kHz \pm 10% JIS, CCIR
 3.15 kHz \pm 10% DIN

Level
 50 mV-5 V rms

Meter Indication
 Wow/Flutter and Drift Switchable

DRIFT MEASUREMENTS

Range
 0 to \pm 5%

Accuracy
 \pm 5% full scale

WOW AND FLUTTER MEASUREMENTS

Range
 0.003 to 3% in 5 ranges
 (0.03, 0.1, 0.3, 1, 3% full scale)

Accuracy
 \pm 8% full scale

Frequency Characteristics By Range

RANGE	STANDARD	FREQ. RANGE (\pm 3 dB \pm 1.5 dB)
W & F	JIS	0.5-200 Hz
	CCIR	0.3-200 Hz
	DIN	0.3-300 Hz
WOW	CCIR, DIN	0.3-6 Hz
	JIS	0.5-6 Hz
FLUTTER	JIS, CCIR	6-200 Hz
	JIS, CCIR	6-50 Hz
	JIS, CCIR	50-200 Hz
	DIN	6-300 Hz
	DIN	50-300 Hz

METER INDICATION

Indicator Control

Wow/Flutter and Drift front panel switchable

Response

JIS RMS Indication
 CCIR, DIN Peak Indication

REFERENCE OSCILLATOR

Frequency

3 kHz for JIS, CCIR
 3.15 kHz for DIN

Accuracy

5×10^{-5} (X'tal controlled)

Output Level

Approximately 0.5 V rms

PHYSICAL

Size

98 (H) \times 200 (W) \times 300 (D) mm

Weight

2.5 kg.

ACCESSORIES SUPPLIED

One (1) Instruction Manual