VIBRA®
Measure the Future

LN SERIES

FEATURES:

> Florescent display, clearly visible
> Short stabilization and stable indication
> Density measurement mode
> Accurate measurement by appropriate calibration
> Connection to the outside devices

Specifications

EXTERNAL WEIGHT MODELS

Model	LN 223	LN 323	LN 423	LN 623	LN 1202	LN 2202	LN 3202	LN 4202	LN 6202	LN 8201	LN 12001	LN 15001	LN 21001	LN 31001
Capacity	220g	320g	420g	620g	1200g	2200g	3200g	4200g	6200g	8200g	12000g	15000g	21000g	31000g
Readability	0.001g				0.01g					0.1g				
Repeatability(s)	0.001g				0.01g					0.1g				
Non-Linearity(typ.)	±0.001g				±0.01g					±0.1g				
Pan size	120×140mm				200×200mm					200×200mm			220×250mm	
Calibration	with external weight only													
Weighing Units	g, ct, oz, lb, dwt, GN, tl(Hong Kong), tl(Taiwan), tl(Singapore), momme, tola													
Dimensions(LWH)	330×220×190mm (including windshield)				333×220×88mm					330×220×88mm			330×220×111mm	
Weights	Approx. 3.5kg				Approx. 4.0kg					Approx. 4.0kg			Approx. 8.5kg	Approx. 9.5kg

INTERNAL WEIGHT MODELS

Model	LN 223R	LN 323R	LN 423R	LN 623R	LN 1202R	LN 2202R	LN 3202R	LN 4202R
Capacity	220g	320g	420g	620g	1200g	2200g	3200g	4200g
Readability	0.001g				0.01g			
Repeatability(s)	0.001g				0.01g			
Non-Linearity(typ.)	±0.001g				±0.01g			
Pan size	120×140mm				200×200mm			
Calibration	with internal and external weight							
Weighing Units	g, ct, oz, lb, dwt, GN, tl(Hong Kong), tl(Taiwan), tl(Singapore), momme, tola							
Dimensions(LWH)	330×220×190mm (including windshield)				333×220×88mm			
Weights	Approx. 3.5kg				Approx. 4.0kg			

Options

LNBT	Rechargeable battery
LNLM	Relay contact
LNUH	Under weighing hook
LNBZ	Buzzer output
LNR4	RS422A output
LNDK	Density measurement kit

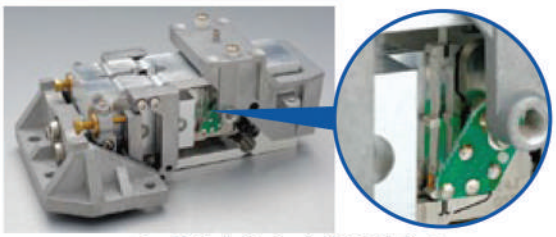
Common Specification

Power source : AC120/230V, DC12V
Output : RS232C (2 outputs)
Measuring system : Tuning-fork frequency system
Tare : Full weighing range
Display : Fluorescent display

What makes the tuning-fork sensor so precise?

The tuning-fork sensor measures force or mass by gauging changes in oscillation frequencey when a load is applied to a long, narrow vibrator, and it digitally outputs the readings.

Unlike load cell or electromagnetic systems, the tuning-fork sensor does not rely on material distortion, electromagnetic force, heavy power cunsumption, or A/D converters, so its inherent margin of error is extremely small, and its high precision can be maintained for a long time.



Double-Ended tuning fork (DETF) vibrator