

QUIMICOMPANY

EQUIPOS E INSUMOS PARA LABORATORIO

ViBRA®
Measure the Future

HIGH-PRECISION TUNING FORK ELECTRONIC BALANCE

REF: AJ-4200E

Large LCD (16.5mm height) with blight & white back-light makes the weighing operation easy and comfortable even in the dark location



Quick Response & Stable Indication

Quick response and stable indication are important feature in the precise weight measurement. The innovative tuning-fork sensor in ViBRA AJ series meets this demand and satisfies you.



Simple is the best



This is the basic concept of ViBRA AJ series. Simple, but profound scope for wide measurement fields. Laboratory, factory, jewelry shops, etc... ViBRA AJ series is always the simplest & the best solution for your needs.

☎ (601) 300 3161 +(57) 316 532 6905

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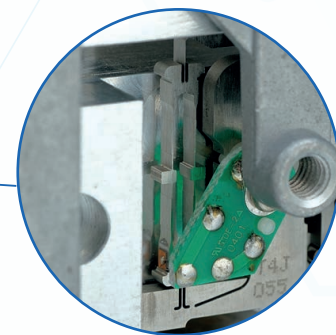
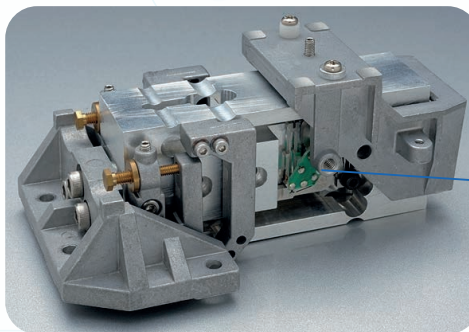
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What makes the tuning-fork sensor so precise?

The tuning-fork sensor measures force or mass by gauging changes in oscillation frequency 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 consumption, 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



Compact Housing, High Portability

The compact housing is one of the advantages of ViBRA AJ series. The space-saving design enables you to install it even in small space.

Furthermore you can bring it everywhere you want with optional rechargeable battery.



Density Measurement Kit Option

The density measurement kit can be available as option *no program to automatically calculate the density is installed in ViBRA AJ series. Just the kit as option.



Draft Windshield as Standard

The draft windshield is available as standard for 220g-620g capacity models. It realizes the ideal environment for precise weighing. It can be easily assembled by hands.



Connection with Outside Devices

RS232C interface is installed as standard feature in every models of ViBRA AJ series. You can connect the balance to outside devices like PC.

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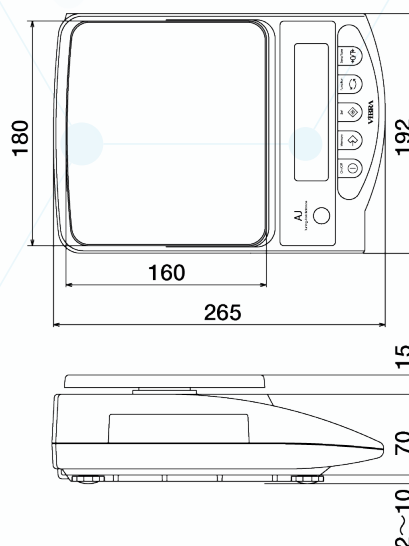
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Options

AJBT(M)	Rechargeable battery for 2200g-12kg
AJUH(M)	Under weighing hook for 2200g-12kg

*24-hour continuous operation with AJBT

Dimensiones (mm)



Technical specifications

Parameters	Description
Capacity	4200g
Readability	0.01g
Repeatability *1	0.01g
Non-Linearity *2	±0.01g
Pan size	180x160mm
Calibration	with external calibration weight
Weight units *3	g, ct, oz, lb, ozt, dwt, GN tl (Hong Kong), tl (Taiwan), tl (Singapore, Malaysia), momme, tola
Dimensions(LWH)	265x192x87mm
Weights	Approx. 2.8kg
Measuring system	Tuning-fork frequency sensing
Tare	Full weighing range
Display	LCD with back-light (height 16.5mm)
Power source	AC120/230V DC9V
Output	RS232C(standard)

*1 standard deviation

*2 typical value

*3 only g, kg & ct are available in CE models.

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