

Specifications

HT(R)-XXXCE stands for EC type approval models

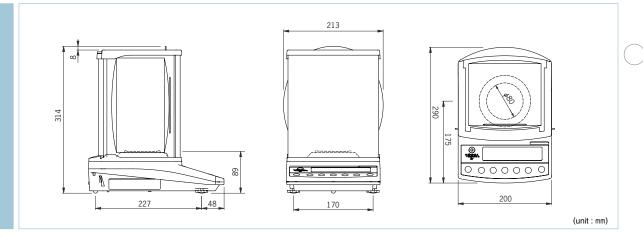
TI(R)-AAAGE Stalius IC	or LC type approval ino	ueis.				
Model with EC approval	HT-80E HT-80CE	HT-120E HT-120CE	HT-220E HT-220CE	HTR-80E HTR-80CE	HTR-120E HTR-120CE	HTR-220E HTR-220CE
Capacity	80g	120g	220g	80g	120g	220g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
Repeatablity(σ)	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
Non-Lineartiy	±0.0003g	±0.0003g	±0.0003g	±0.0003g	±0.0003g	±0.0003g
Pan size	<i></i> \$0mm					
Dimensions	290×200×306mm					
Weighing units	mg, g, ct, oz, lb, ozt, dwt, GN, t1(Hong Kong), t1(Taiwan), t1(Singapore, Malaysia), momme, tola					
Power source	AC120/230V DC9V					
Output	RS-232C & peripheral device output					
Meaureing system	Tuning-fork frequency sensing					
Tare	Full weighing range					
Calibration	by external weight by built-in weight					
Display	LCD with backlit					
Modes	weighing, counting, percentage, unit converting, density					
Weight	Approx. 2.9kg					

Options & Peripherals

HTDK: Density measurement kit HTDB: Dry cell battery (factory option) HTGW: Glass windshield (factory option)

CSP-16: Operation micro-printer

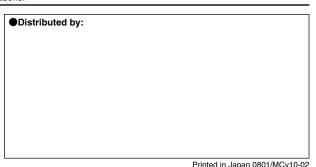
Dimensions



The contents of this catalogue are subject to change due to modifications and/or other reasons.

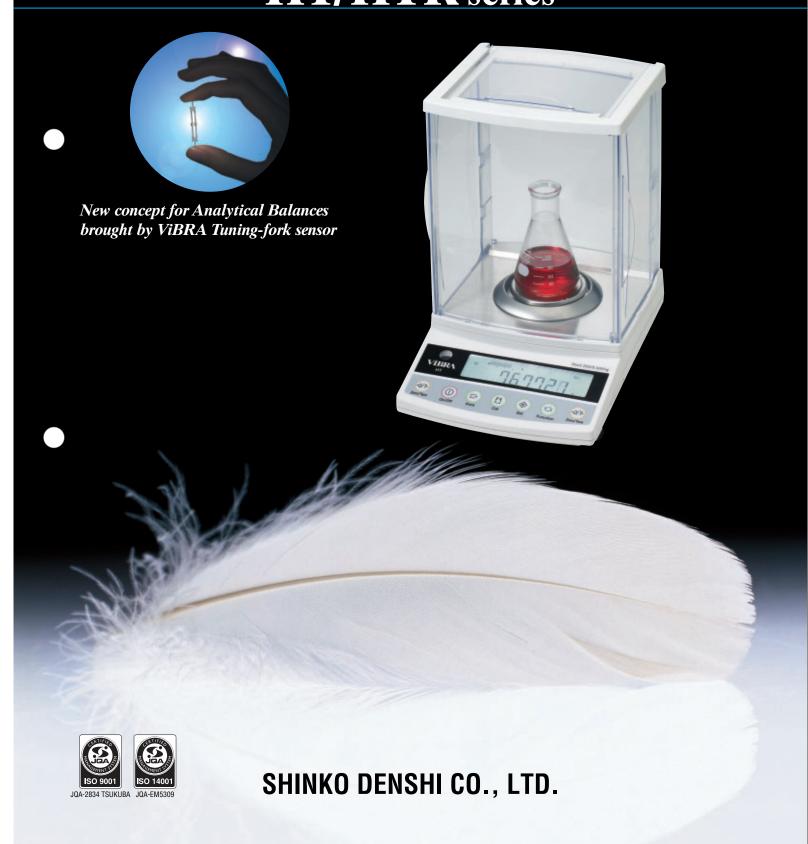
SHINKO DENSHI CO., LTD.

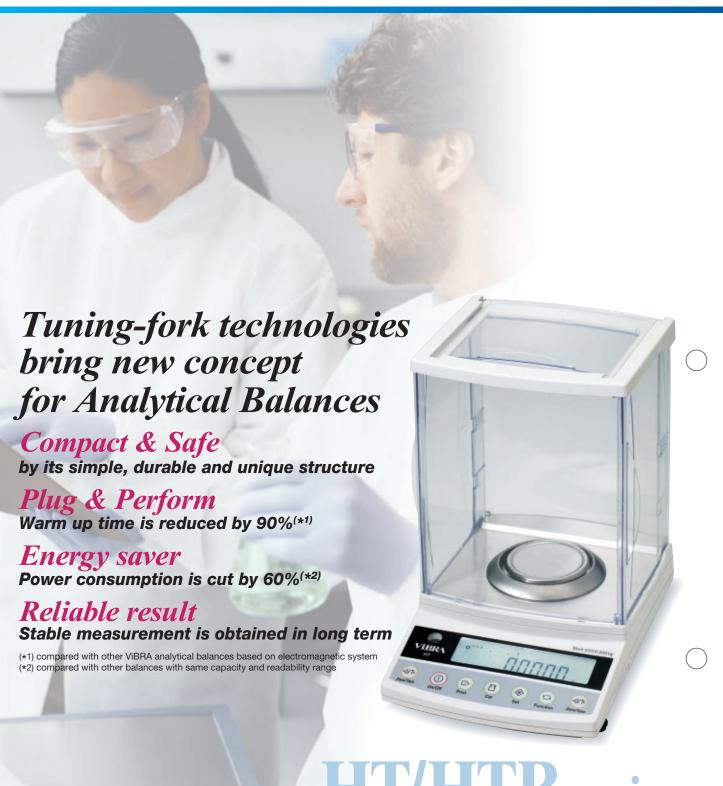
3-9-11 YUSHIMA, BUNKYO-KU, TOKYO 113-0034 TEL: 81-3-3835-4577 FAX: 81-3-5818-6066





TUNING-FORK ANALYTICAL BALANCES HT/HTR series



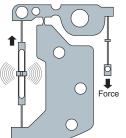


HIVHIR series

Tuning-Fork Sensor —— A Revolution in Weighing

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

All features included



Anti-electrostatic 360 degree transparent windshield

Composed of permanently antielectro static plastic material, weighing can be visible from every angle.*

*not with optional glass windshield

Back lit LCD

Measurement result is easily readable with bright display.



Full automatic span adjustment, Automatic repeatability measurement (ARM)

The balance can be calibrated automatically to maintain in good condition. The condition is easily checked with single key operation by measuring and calculating repeatability standard deviation. (for HTR type only)



Bar graph display

A 40-step bar graph display easily checks the current load's weighing against the capacity.



Connection to PC

RS232C interface is equipped to connect to PC, printer and other outside devices.

Single-touch Response Setting for various environments

The SET key sets different response in 3 steps in different environmental conditions.





Density determination modeDensity of solids or liquids is

Density of solids or liquids is measured with optional density measurement kit.

ISO/GLP/GMP compliant printing record

Calibration procedures and results are recorded and printed with an operational printer.

CALIBRATION DATE: 2007.12.25 TIME: 09:24 SHINKO DENSHI TYPE: HTR-220 S/N: 071850025 ID: 000101 CAL.INTERNAL REF: 220.0000 & COMPLETE DATE: 2007.12.25 TIME: 09:25 SIGNATURE

The tuning fork sensor is covered by a 5-year warranty that atteste to its long-term stability and durability.