

Carat Balances
FZ-CT
FX-CT
 Series

Your precious stones deserve the highest quality.



Remote Display (optional)



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(FZ-CT)

(FX-CT)



AND ...Clearly a Better Value
 A&D Company, Limited
<http://www.aandd.jp>

Carat Balances

FZ-CT FX-CT

Series



Specifications

	FZ-300CT/FX-300CT	FZ-600CT/FX-600CT
Weighing capacity	310ct / 62g	610ct / 122g
Minimum weighing value (1 digit)	0.001ct / 0.001g	
Counting mode	Minimum unit mass	0.001g
	Number of samples	5, 10, 25, 50 or 100 pieces
Percent mode	Minimum 100% reference mass	0.100g
	Minimum 100% display	0.01%, 0.1%, 1% (depends on the reference mass stored)
Repeatability (Standard Deviation)	0.001ct / 0.0005g	
Linearity	±0.002ct / ±0.001g	
Stabilization time (typically set at FAST)	Approx. 2.2 seconds	
Sensitivity drift (10°C to 30°C/50°F to 86°F)	±2ppm / °C	
Operating temperature	5°C to 40°C (41°F to 104°F), 85%RH or less (no condensation)	
Display type	Vacuum Fluorescent Display (VFD)	
Display refresh rate	5 times /second or 10 times / second	
Calibration method	Air-pump Controlled Internal Calibration (FZ-CT only)	
External calibration mass	50g	100g
	20g	50g
AC adaptor	Confirm that the adaptor type is correct for the local voltage and power receptacle	
Power consumption	Approx. 11VA (supplied to the AC adaptor)	
Standard interface	RS-232C	
Standard accessories	Large breeze break, 2 carat pans (silver & black), AC adaptor	
Weighing pan (diameter)	90mm	
External dimensions	198 (W) X 294 (D) X 315 (H) mm	
Net weight	FZ-CT Approx. 3.8kg / FX-CT Approx. 3.4kg	

Options

- FXi-02*** Quick USB interface with cable
- FXi-08*** Ethernet interface with WinCT-Plus software
- FXi-09*** Built-in rechargeable battery
- FXi-10** Small breeze break
- FXi-11** Large breeze break (same as the standard breeze break)

* FXi-02, FXi-08 and FXi-09 cannot be used at the same time.

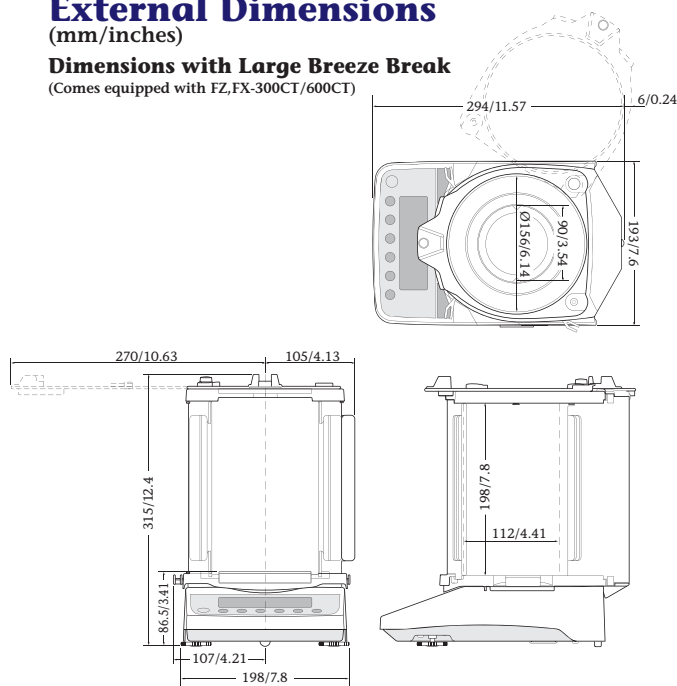
Accessories

- AD-1683** Static eliminator
- AD-1684** Electrostatic fieldmeter
- AD-1688** Weighing data logger
- AD-1689** Tweezers for calibration weight
- AD-8920A** Remote display
- AD-8922** Remote controller
- AD-8121B** Compact printer
- AD-8526** Serial/Ethernet converter
- AD-8527** Quick USB adapter
- AX-USB-9P** Serial/USB converter
- AX-CARATPAN-W** Carat pan (silver, 2pcs)
- AX-CARATPAN-B** Carat pan (black, 2pcs)
- AX-FXi-31** Main unit cover (5pcs)

External Dimensions (mm/inches)

Dimensions with Large Breeze Break

(Comes equipped with FZ,FX-300CT/600CT)



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