

A&D Weighing FXi & FXi-WP Series

Toploader Balances



STANDARD FEATURES

- Compact SHS (Super Hybrid Sensor)
- Vacuum fluorescent display
- GLP/GMP/ISO compliant to either AD-8121 printer or computer. Transmits date, time, ID number, serial number and calibration data
- Statistical calculation function
- Quick USB interface
- Standard RS-232C interface
- Data memory function
- Comparator function
- Buzzer function
- Digital calibration function
- Optional built-in rechargeable battery
- Multiple weighing units of measurement
- Response indicator function
- LAN-Ethernet interface with MCT plus software
- Underhook weighing
- WP models are IP-65

SPECIFICATIONS

OPERATING TEMPERATURE:

41°F to 104°F (5°C to 40°C)

LINEARITY:

FX/FX-WP-120i, FX/FX-WP-200i,
FX/FX-WP-300i: ±0.002 g
FX/FX-WP-1200i, FX/FX-WP-2000i,
FX/FX-WP-3000i: ±0.02 g

REPEATABILITY/STANDARD DEV.:

FX/FX-WP-120i, FX/FX-WP-200i,
FX/FX-WP-300i: 0.001 g
FX/FX-WP-1200i, FX/FX-WP-2000i,
FX/FX-WP-3000i: 0.01 g

STABILIZATION TIME:

Approx. 1 second

WEIGHT:

Approx. 2.5 kg

DIMENSIONS: (W x D x H)

193 mm x 262.5 mm x 84.5 mm

PAN SIZE:

FX/FX-WP-120i, FX/FX-WP-200i,
FX/FX-WP-300i: 130 mm
FX/FX-WP-1200i, FX/FX-WP-2000i,
FX/FX-WP-3000i: 150 mm

POWER CONSUMPTION:

Approx. 11 VA (supplied to the AC adapter)

DISPLAY TYPE:

Vacuum fluorescent display

Display refresh rate:

5 times second/10 times second/
or 20 times second

COUNTING MODE:

Minimum unit mass:
FX/FX-WP-120i, FX/FX-WP-200i,
FX/FX-WP-300i: 0.001 g
FX/FX-WP-1200i, FX/FX-WP-2000i,
FX/FX-WP-3000i: 0.01 g
Number of samples: 5, 10, 25, 50 or 100 pieces

PERCENT MODE:

Minimum 100% reference mass:
FX/FX-WP-120i, FX/FX-WP-200i,
FX/FX-WP-300i: 0.100 g
FX/FX-WP-1200i, FX/FX-WP-2000i,
FX/FX-WP-3000i: 1.00 g
Minimum 100% display: 0.01%, 0.1%, 1%
(depends on the reference mass stored)

SENSITIVITY DRIFT (10°C TO 30°C):

±2ppm/°C

STANDARD SERIAL INTERFACE:

RS-232C interface

EXTERNAL CALIBRATION MASS:

FX/FX-WP-120i: 100 g, 50 g
FX/FX-WP-200i: 200 g, 100 g
FX/FX-WP-300i: 300 g, 200 g, 100 g
FX/WP-1200i: 1,000 g, 500 g
FX/WP-2000i: 2,000 g, 1,000 g
FX/WP-3000i: 3,000 g, 2,000 g, 1,000 g

EXTERNAL DIMENSIONS:

193 (W) x 262.5 (D) x 84.5 (H) mm

WARRANTY:

Five-year limited warranty

FXi & FXi-WP SERIES CAPACITIES

	FXi/FXi-WP-120i	FXi/FXi-WP-200i	FXi/FXi-WP-300i	FXi/FXi-WP-1200i	FXi/FXi-WP-2000i	FXi/FXi-WP-3000i
g	122 x 0.001	220 x 0.001	320 x 0.001	1220 x 0.01	2200.00 x 0.01	3200 x 0.01
oz	4.30 x 0.00005	7.76 x 0.00005	11.28 x 0.00005	43.0 x 0.0005	77.6025 x 0.0005	112.8 x 0.0005
lb	0.268 x 0.000005	0.485 x 0.000005	0.705 x 0.000005	11.03 x 110.01	4.85 x 0.00005	7.05 x 0.00005
ozt	3.92 x 0.00005	7.07 x 0.00005	10.28 x 0.00005	39.2240 x 0.0005	70.7 x 0.0005	102.8 x 0.0005
dwt	78.6 x 0.001	141.776 x 0.001	206.2 x 0.001	786.21 x 0.01	1417.76 x 0.01	2062 x 0.01
ct	610.000 x 0.005	1100 x 0.005	1600 x 0.005	6100.00 x 0.05	11000 x 0.05	16000 x 0.05
mm	32.2 x 0.0005	58.6 x 0.0005	85.3 x 0.0005	3225.35 x 0.005	586 x 0.005	853 x 0.005
gn	1882 x 0.02	3395 x 0.02	4938 x 0.02	18827.4 x 0.2	33951 x 0.2	49383.4 x 0.2
TL	3.22 x 0.0005	5.82 x 0.00005	8.46 x 0.00005	3225.35 x 0.005	58.2 x 0.005	84.6 x 0.0005
t	10.4 x 0.0001	18.8 x 0.0001	27.4 x 0.0001	18827.4 x 0.2	188 x 0.001	274 x 0.001