

IF Series, Explosion Proof

Weighing Platform Scales



Shown with additional optional features

Approvals



Standard Features

- Capacities from 150 kg to 3,000 kg (330 to 6,613 lb) with resolutions up to 30,000 d
- Ultra low profile: standard platform height is 35 mm; optional heights available as low as 25 mm
- Drive-on ramp included with every platform
- No pit required
- Load cells are hermetically sealed, IP68 protection rated
- Convenient for application-oriented weighing systems from processing to the chemical industry
- Standard configuration: AISI 304 stainless steel

Optional Configurations

- Electro-polished finish
- AISI 304 electro-polished stainless steel platform
- AISI 316Ti electro-polished stainless steel platform
- Ingenious manually-operated lifting mechanism option (patented system) for effortless raising of the platform to facilitate cleaning underneath.

- R2: Cold rolled AISI 316Ti stainless steel, electro-polished
- R6: AISI 304 2b stainless steel, electro-polished
- T4: Stop bar
- T5: Tow bar and stop bar
- T6: Two handles and two rollers
- T7: Retractable wheels (reduces effective resolution to 15,000 dd)
- T9: Additional bottom plate
- T15: Second ramp
- T14: Integrated column
- T13: Four handles

Applications

- Pharmaceutical, chemical, electronics, food processing, precious metals, metal production and processing

Specifications

Rating/Material:

IP68
304 bead-blasted stainless steel

Cable Length:

19.7 ft (6 m)

Regulatory Compliance:

NEMA, HACCP, FDA, GLP/GMP*, Class 10,000 clean rooms (US Federal Standard 209D) (equivalent to Class C in accordance with EEC-GWP), FM

*GLP/GMP requires use of Comblics 1 Plus or higher digital weight indicator

Warranty:

Two-year limited, pending evaluation

Approvals:

FM approved, IFXS4 series, are certified for use in Class 1,2,3, Div. 1, Groups ABCDEFT4 (Verification of Intrinsic Safety included; also covers any explosion protected Minebea components combined with this platform series)



Part Number/Price

Part #	Minebea Part #	Weighing Surface Dimensions	# Load Cells	Capacity Readability	Capacity Readability	Capacity Readability	Est. Weight	Price
102530	IFXS4-150GG	23.6 × 23.6 in	4	330 lb	0.01 lb	150 kg	0.005 kg	198 lb Consult
102531	IFXS4-300GG	23.6 × 23.6 in	4	660 lb	0.02 lb	300 kg	0.01 kg	198 lb Consult
102532	IFXS4-600GG	23.6 × 23.6 in	4	1,320 lb	0.05 lb	600 kg	0.02 kg	198 lb Consult
102533	IFXS4-1000GG	23.6 × 23.6 in	4	2,200 lb	0.1 lb	1,000 kg	0.05 kg	198 lb Consult
102534	IFXS4-150IG	31.5 × 23.6 in	4	330 lb	0.01 lb	150 kg	0.005 kg	221 lb Consult
102536	IFXS4-300IG	31.5 × 23.6 in	4	660 lb	0.02 lb	300 kg	0.01 kg	221 lb Consult
102537	IFXS4-600IG	31.5 × 23.6 in	4	1,320 lb	0.05 lb	600 kg	0.02 kg	221 lb Consult
102538	IFXS4-1000IG	31.5 × 23.6 in	4	2,200 lb	0.1 lb	1,000 kg	0.05 kg	221 lb Consult
102540	IFXS4-150II	31.5 × 31.5 in	4	330 lb	0.01 lb	150 kg	0.005 kg	243 lb Consult
102541	IFXS4-300II	31.5 × 31.5 in	4	660 lb	0.02 lb	300 kg	0.01 kg	243 lb Consult
102542	IFXS4-600II	31.5 × 31.5 in	4	1,320 lb	0.05 lb	600 kg	0.02 kg	243 lb Consult
102543	IFXS4-1000II	31.5 × 31.5 in	4	2,200 lb	0.1 lb	1,000 kg	0.05 kg	243 lb Consult
102544	IFXS4-1500II	31.5 × 31.5 in	4	3,300 lb	0.1 lb	1,500 kg	0.05 kg	243 lb Consult
102545	IFXS4-150LG	39.4 × 23.6 in	4	330 lb	0.01 lb	150 kg	0.005 kg	243 lb Consult
102546	IFXS4-300LG	39.4 × 23.6 in	4	660 lb	0.02 lb	300 kg	0.01 kg	243 lb Consult
102547	IFXS4-600LG	39.4 × 23.6 in	4	1320 lb	0.05 lb	600 kg	0.02 kg	243 lb Consult
102548	IFXS4-1000LG	39.4 × 23.6 in	4	2,200 lb	0.1 lb	1,000 kg	0.05 kg	243 lb Consult
102549	IFXS4-1500LG	39.4 × 23.6 in	4	3,300 lb	0.1 lb	1,500 kg	0.05 kg	243 lb Consult
102550	IFXS4-150LI	39.4 × 31.5 in	4	330 lb	0.01 lb	150 kg	0.005 kg	265 lb Consult
102551	IFXS4-300LI	39.4 × 31.5 in	4	660 lb	0.02 lb	300 kg	0.01 kg	265 lb Consult
102552	IFXS4-600LI	39.4 × 31.5 in	4	1,320 lb	0.05 lb	600 kg	0.02 kg	265 lb Consult
102553	IFXS4-1000LI	39.4 × 31.5 in	4	2,200 lb	0.1 lb	1,000 kg	0.05 kg	265 lb Consult

Rails add 16.1 in to width

IF Series, Explosion Proof

Weighing Platforms

Part Number/Price

Part #	Minebea Part #	Weighing Surface Dimensions	# Load Cells	Capacity Readability	Capacity Readability	Capacity Readability	Est. Weight	Price	
102554	IFXS4-1500LI	39.4 × 31.5 in	4	3,330 lb	0.1 lb	1,500 kg	0.05 kg	265 lb	Consult
102555	IFXS4-150LL	39.4 × 39.4 in	4	330 lb	0.01 lb	150 kg	0.005 kg	375 lb	Consult
102556	IFXS4-300LL	39.4 × 39.4 in	4	660 lb	0.02 lb	300 kg	0.01 kg	375 lb	Consult
102557	IFXS4-600LL	39.4 × 39.4 in	4	1,320 lb	0.05 lb	600 kg	0.02 kg	375 lb	Consult
102558	IFXS4-1000LL	39.4 × 39.4 in	4	2,200 lb	0.1 lb	1,000 kg	0.05 kg	375 lb	Consult
102559	IFXS4-1500LL	39.4 × 39.4 in	4	3,330 lb	0.1 lb	1,500 kg	0.05 kg	375 lb	Consult
102560	IFXS4-3000LL	39.4 × 39.4 in	4	6,660 lb	0.2 lb	3,000 kg	0.1 kg	375 lb	Consult
102561	IFXS4-150NL	49.2 × 39.4 in	4	330 lb	0.01 lb	150 kg	0.005 kg	397 lb	Consult
102562	IFXS4-300NL	49.2 × 39.4 in	4	660 lb	0.02 lb	300 kg	0.01 kg	397 lb	Consult
102563	IFXS4-600NL	49.2 × 39.4 in	4	1,320 lb	0.05 lb	600 kg	0.02 kg	397 lb	Consult
102564	IFXS4-1000NL	49.2 × 39.4 in	4	2,200 lb	0.1 lb	1,000 kg	0.05 kg	397 lb	Consult
102565	IFXS4-1500NL	49.2 × 39.4 in	4	3,330 lb	0.1 lb	1,500 kg	0.05 kg	397 lb	Consult
102566	IFXS4-3000NL	49.2 × 39.4 in	4	6,660 lb	0.2 lb	3,000 kg	0.1 kg	397 lb	Consult
102567	IFXS4-150NN	49.2 × 49.2 in	4	330 lb	0.01 lb	150 kg	0.005 kg	481 lb	Consult
102568	IFXS4-300NN	49.2 × 49.2 in	4	660 lb	0.02 lb	300 kg	0.01 kg	481 lb	Consult
102569	IFXS4-600NN	49.2 × 49.2 in	4	1,320 lb	0.05 lb	600 kg	0.02 kg	481 lb	Consult
102570	IFXS4-1000NN	49.2 × 49.2 in	4	2,200 lb	0.1 lb	1,000 kg	0.05 kg	481 lb	Consult
102571	IFXS4-1500NN	49.2 × 49.2 in	4	3,330 lb	0.1 lb	1,500 kg	0.05 kg	481 lb	Consult
102572	IFXS4-3000NN	49.2 × 49.2 in	4	6,660 lb	0.2 lb	3,000 kg	0.1 kg	481 lb	Consult
102573	IFXS4-150RN	59.1 × 49.2 in	4	330 lb	0.01 lb	150 kg	0.005 kg	547 lb	Consult
102574	IFXS4-300RN	59.1 × 49.2 in	4	660 lb	0.02 lb	300 kg	0.01 kg	547 lb	Consult
102575	IFXS4-600RN	59.1 × 49.2 in	4	1,320 lb	0.05 lb	600 kg	0.02 kg	547 lb	Consult
102576	IFXS4-1000RN	59.1 × 49.2 in	4	2,200 lb	0.1 lb	1,000 kg	0.05 kg	547 lb	Consult
102577	IFXS4-1500RN	59.1 × 49.2 in	4	3,330 lb	0.1 lb	1,500 kg	0.05 kg	547 lb	Consult
102578	IFXS4-3000RN	59.1 × 49.2 in	4	6,660 lb	0.2 lb	3,000 kg	0.1 kg	547 lb	Consult
102579	IFXS4-150RR	59.1 × 59.1 in	4	330 lb	0.01 lb	150 kg	0.005 kg	628 lb	Consult
102580	IFXS4-300RR	59.1 × 59.1 in	4	660 lb	0.02 lb	300 kg	0.01 kg	628 lb	Consult
102581	IFXS4-600RR	59.1 × 59.1 in	4	1,320 lb	0.05 lb	600 kg	0.02 kg	628 lb	Consult
102582	IFXS4-1000RR	59.1 × 59.1 in	4	2,200 lb	0.1 lb	1,000 kg	0.05 kg	628 lb	Consult
102583	IFXS4-1500RR	59.1 × 59.1 in	4	3,330 lb	0.1 lb	1,500 kg	0.05 kg	628 lb	Consult
102584	IFXS4-3000RR	59.1 × 59.1 in	4	6,660 lb	0.2 lb	3,000 kg	0.1 kg	628 lb	Consult
102585	IFXS4-150WR	78.7 × 59.1 in	4	330 lb	0.01 lb	150 kg	0.005 kg	739 lb	Consult
102586	IFXS4-300WR	78.7 × 59.1 in	4	660 lb	0.02 lb	300 kg	0.01 kg	739 lb	Consult
102587	IFXS4-600WR	78.7 × 59.1 in	4	1,320 lb	0.05 lb	600 kg	0.02 kg	739 lb	Consult
102588	IFXS4-1000WR	78.7 × 59.1 in	4	2,200 lb	0.1 lb	1,000 kg	0.05 kg	739 lb	Consult
102589	IFXS4-1500WR	78.7 × 59.1 in	4	3,330 lb	0.1 lb	1,500 kg	0.05 kg	739 lb	Consult
102590	IFXS4-3000WR	78.7 × 59.1 in	4	6,660 lb	0.2 lb	3,000 kg	0.1 kg	739 lb	Consult

Rails add 16.1 in to width

Options/Accessories - Not Available On All Models

Part #	Description	Price
T4	Stop bar	Consult
T5	Tow bar and stop bar	Consult
T6	Two handles and two rollers	Consult
T7	Retractable wheels	Consult
T9	Bottom plate	Consult
T13	Four handles	Consult
T14	Integrated column	Consult
T15	Second ramp	Consult
Stainless Steel		
R2	316, T1, 2B cold-rolled steel, electropolished stainless steel	Consult
R6	304, 2B cold-rolled steel, electropolished stainless steel	Consult

Note: Consult factory for lifting device options and compatibility of combined options

PRECISION
INDUSTRIAL WEIGHING