

**Combics® 2 Ex**

Explosion-proof Digital Weight Indicator

**Specifications****Power Requirements:**

110 to 220 VAC and 24 VDC

**Excitation Voltage:**

6 V

**Load Cell Connection:**

Four- or six-wire

**Annunciators:**

Gross/Net toggle

**Keys/Buttons:**

On/Off, Zero, Tare, Print/Data

**Dimensions:**

(L × W × H)

11.9 × 7.4 × 3.5 in

(302 × 188 × 90 mm)

**Temperature:**

Operating:

14 °F to 104 °F (-10 °C to 40 °C)

**Rating/Material:**

NEMA Type 4X, IP69K

304 stainless steel

**Warranty:**

Two-year limited, pending evaluation

**Approvals:**

NTEP 19-055

FM Class 1,2,3, Division 1, Groups ABCDEFG and temperature class T4

**Approvals****Standard Features**

- Amber backlit LCD dot matrix display
- Three-way unit toggle; 10x higher resolution toggle
- Two header line storage
- Battery charge status display (with connection of battery pack)
- Numeric keypad with two IDs for entering identifier codes and preset tare
- Date/time fully integrated
- GMP printable record
- Three built-in LED checkweighing lights
- Bar graph weighing range indicator
- Application data and totalization memory stored in battery-backed RAM

- Requires power supply
- Power supply can be provided by 110 to 220 VAC connections, 24 VDC industrial power module (each suitable for hazardous and safe areas) and a rechargeable battery pack in stainless steel casing

**Applications**

- Pre-installed software for counting, checkweighing, differential weighing, percentage weighing, gross-net-tare, sorting, net-total, animal weighing
- Weighbridge connectivity: maximum two precision weighing platforms or load cells, and one precision platform or 1 Combics Ex and one precision platform

**Part Number/Price**

Part #	Minebea Part #	Description	Est. Weight	Price
158644	CAIXS2-U	Indicator, CAIXS2-U IP69K protection rated	7 lb	Consult
197168	CAIXS2-UA19M26	Indicator, CAIXS2 EX IS-X	7 lb	Consult

**Options/Accessories**

Part #	Minebea Part #	Description	Price
46518	YPS02-XUR	Power supply, hazardous area, United States	Consult
46517	YPS02-ZKR	Power supply, safe area, 65 ft cable	Consult
103068	YRB02-X	Battery pack, 30+ hours (requires 103069)	Consult
103069	YRB02-LD	Charger for battery pack	Consult
103054	YCC02-XR14F02	Quick disconnect cable, for Zener barrier	Consult
155882	YDI05-ZU1	Zener barrier	Consult
155918	A19	485 interface (IS-X Base)	Consult
155919	M26	Cable to IS-X	Consult
105607	YDH02CISUS	Wall mount bracket	Consult
156440	YDH01CWSUS	Post mount assembly for 10 × 10 in platforms, 13 in high	Consult
156441	YDH02CWSUS	Post mount assembly for 12 × 12 in platforms, 19 in high	Consult
156442	YDH03CWSUS	Post mount assembly for 18 × 18 in platforms, 29 in high	Consult