

# Minebea Intec Signum Ex Supreme

Explosion Proof Bench Scale



## Standard Features

- Monolithic weighing system
- Resolution up to 620,000 d
- Stainless steel weighing pan
- IECEx/ATEX Zone 1/2/21/22
- FM Class I, II, III; Div. 1; Groups ABCDEFG and T4
- Stainless or painted versions
- Requires YPS02-XUR (RL # 46518) US hazardous area or YPS02-ZKR (RL# 46517) safe area connection
- Signum, 3 applications

## APPROVALS



## Specifications

### Material:

SIWXSBBP, SIWXSDCP – Stainless steel display unit, painted platform with stainless steel load plate  
SIWXSBBBS, SIWXSDCS – Brushed stainless steel

### IP Protection:

IP65  
IP44 Zone 1 ONLY: SIWXSBBP, SIWXSBBBS 1.3 lb (0.6kg)

### Net Weight/Gross Weight:

SIWXSBBP, SIWXSBBBS : 19.8/23.8 lb (9.0/10.8 kg)  
SIWXSDCP, SIWXSDCS : 33/39.6 lb (15.0/18.0 kg)

### Packaging Dimensions:

SIWXSBBP, SIWXSBBBS (W x D x H): 22.4 x 15.7 x 14.5 in (570 x 400 x 370 mm)  
SIWXSDCP, SIWXSDCS (W x D x H): 20 x 17.3 x 16.1 in (510 x 440 x 410 mm)

### Operating Temperature:

SIWXSBBP, SIWXSBBBS 50° F to 104° F (10° C to 40° C)  
SIWXSDCP, SIWXSDCS 14° F to 104° F (-10° C to 40° C)

### Data Interfaces:

RS-232  
Can be switched to RS-485 or RS-422 connection via 14-Pin round socket

### Supply Voltage:

Via external power supply, connection via 14-Pin round socket (20 cm cable)

### Power Supply Hazardous Area:

ATEX: YPSC01-X

### Power Supply Safe Area:

ATEX: YPSC01-Z  
FM/CSA: YPS02-ZKR (PN 46517)

### Battery Operation:

Via external battery YRB02-X (103068)  
Charger PN 103069

### Cable Length:

2 m (6.6 ft) between display unit and platform

### Warranty:

Two-year limited warranty

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## Part Number/Price

RLWS PN	Minebea PN	Description	Platform Dimensions	Price
<b>Painted</b>				
155866	SIWXSBBP-3-06-H	1.3 x 0.000002 lb (0.62 kg x 0.001 g)	5 in ø	\$6,420.00
155867	SIWXSBBP-3-3-H	6.8 x 0.00002 lb (3.1 kg x 0.01 g)	7.1 x 7.1 in	\$4,732.00
155868	SIWXSBBP-3-6-H	13.5 x 0.00002 lb (6.1 kg x 0.01 g)	7.1 x 7.1 in	\$5,748.00
155870	SIWXSDCP-3-35-H	75 x 0.0002 lb (35 kg x 0.1 g)	13.7 x 9.7 in	\$6,029.00
<b>Stainless</b>				
155871	SIWXSBBBS-3-3-H	6.8 x 0.00002 lb (3.1 kg x 0.01 g)	7.1 x 7.1 in	\$6,598.00
155872	SIWXSBBBS-3-6-H	13.5 x 0.0002 lb (6.1 kg x 0.01 g)	7.1 x 7.1 in	\$7,606.00
155873	SIWXSDCS-3-35-H	75 x 0.0002 lb (35 kg x 0.1 g)	14.5 x 10.25 in	\$7,499.00

## Options/Accessories

RLWS PN	Minebea PN	Description	Price
46518	YPS02-XUR	Hazardous area power supply - (FM approved for use in the USA) (8 ft. of intrinsic cable and 8 ft. of cable requiring hard wiring by licensed electrician)	\$2,030.00
46517	YPS02-ZKR	Safe area power supply (65 ft of intrinsically safe cable)	\$1,374.00
103055	YDI05-ZU2	Zener barrier hazardous area RS-232 to RS-232 converter, 14-Pin plug	\$967.00
103059	YDI05-ZU3	Zener barrier hazardous area RS-422 to RS-232 (requires 6971413, RL 50232, power supply) cable connection not included	\$815.00
153218	YDH01PUS	Column for DC platforms, height 19 in	\$299.00
155884	YDH02P	Column for BBP platforms, height 15.75 in	\$515.00
103068	YRB02-X	Rechargeable battery (requires 103069 battery charger)	\$1,623.00
103069	YRB02-LD	Battery charger (requires power cord)	\$376.00
103057	YCC422-X	Cable without connectors for RS-422	\$5.00/ft
102078	6971954	Power cord	\$45.00