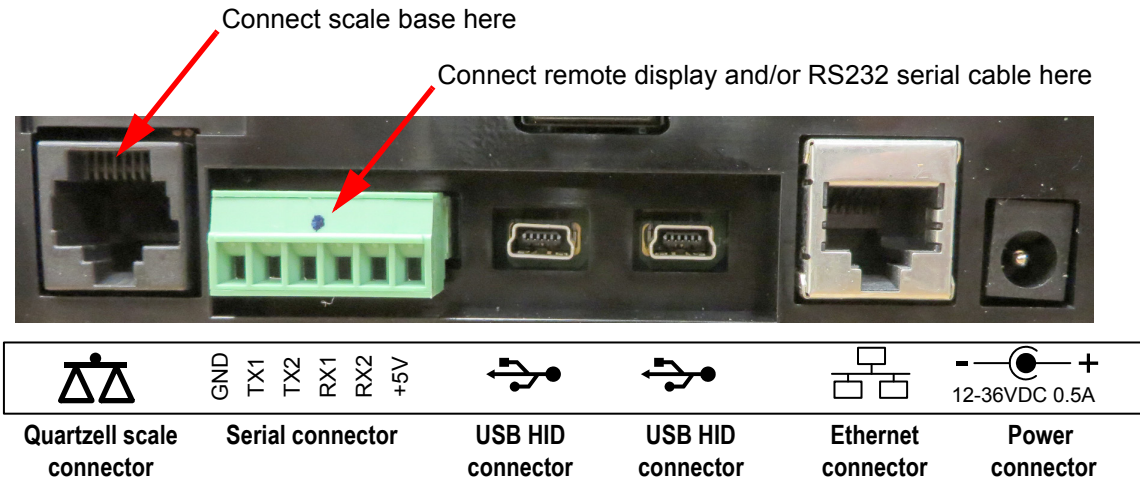


## ZP900/BSQ Connections

### Connections on the ZP900

The connections for the ZP900 indicator are shown below.



**Scale connector:** The supplied RJ45 cable for connecting between the indicator and base is keyed so that it will only fit into the ZP900 Quartzell Scale and BSQ Scale connectors. Do not connect between the BSQ Scale and ZP900 Ethernet connectors as it may damage the internal ZP900 Ethernet port components.

**Serial RS232 connector:** If supplied, the serial cable is attached to the removable green terminal connector per the wiring list instruction. Refer to the default settings to determine which serial port will be used.

PC	Desc	Color	ZP900 Port 1	ZP900 Port 2
2	RXD	Red	TB3-2 (TX1)	TB3-3 (TX2)
3	TXD	Green	TB3-4 (RX1)	TB3-5 (RX2)
5	GNC	Black	TB3-1	TB3-1

The default settings for the serial ports are as follows:

Port 1 : SMA protocol, 9600, 8, n , 1 allows for connection directly to the optional ZP900 remote display.

Port 2 : NCI protocol, 9600, 7, e, 1 matches the protocol of the NCI 7600 series scale.

**USB HID connectors:** If enabled, the 2 USB ports provide HID communication with UPOS or OPOS compliant interface software. Refer to the software vendor specifications to determine if it will support the USB HID interface. No special configuration of the ZP900 is required to use the USB HID protocol.

**Ethernet connector:** If enabled, the ZP900 Ethernet TCP/IP port uses the following default settings:

IP address: 192.168.1.91 Subnet: 255.255.255.0 Gateway: 0.0.0.0 DHCP: OFF

Server mode Port 10001 SMA protocol

Ethernet settings can be changed if required. Refer to the ZP900 Service manual or contact your scale provider for details.

**Power Input connector:** On Desk mount models connect the power cable to either the ZP900 or the BSQ power input connector. Power is supplied to the other device through the RJ45 scale interface cable. On the Base mount model the PSU is mounted on the back of the BSQ base unit and connection to the AC source is shown in a picture below.

**Initial power up:** On power up the scale must be within the Power-Up Zero range of +/- 10% of capacity or the message Z-Error is displayed. Remove the weight causing the error and the scale will zero and resume operation.

**Gravity Message:** If display shows the message **grAVitY** on power up refer to the User manual for details on setting the local gravity value.

## BSQ connections

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Refer to the photos below when making the initial connections to the BSQ.



Back of PSU powered scale

Connect indicator here.



Back of battery powered scale

Connect indicator here.



PSU connections



Battery pack connections

## Avery Weigh-Tronix

### Avery Weigh-Tronix USA

1000 Armstrong Dr.

Fairmont MN 56031 USA

Tel: 507-238-4461

Fax: 507-238-4195

Email: [usinfo@awtxglobal.com](mailto:usinfo@awtxglobal.com)

[www.averyweigh-tronix.com](http://www.averyweigh-tronix.com)

### Avery Weigh-Tronix UK

Foundry Lane,

Smethwick, West Midlands,

England B66 2LP

Tel: +44 (0)870 903 4343

Fax: +44 (0)121 224 8183

Email: [info@awtxglobal.com](mailto:info@awtxglobal.com)

[www.averyweigh-tronix.com](http://www.averyweigh-tronix.com)