

LOW CAPACITY DIGITAL BENCH BASES



High resolution, robust bench bases designed to give balance accuracy within an industrial environment.

Technical Specification

DESCRIPTION

The 1 kg and 5 kg BSQ is a high resolution, digital bench base with up to 1 billion internal count resolution, a readability of over 2.5 million divisions. This robust digital bench base features some of the very latest, state of the art suspended Quartzell technology, guaranteeing repeatable balance accuracy at all times.

A rugged die-cast, clamshell case provides outstanding protection to the internally mounted Quartzell transducer. Its specially designed suspension system protects the Quartzell transducer from damage and offers up to 1100% overload protection.

Weighing in oily environments

Features built-in drip pathways to help channel all unwanted dirt and cutting fluids away from critical areas within the base.

Optional draught shield

A draught shield option allows increased accuracy when weighing minute items.

Optional underhook

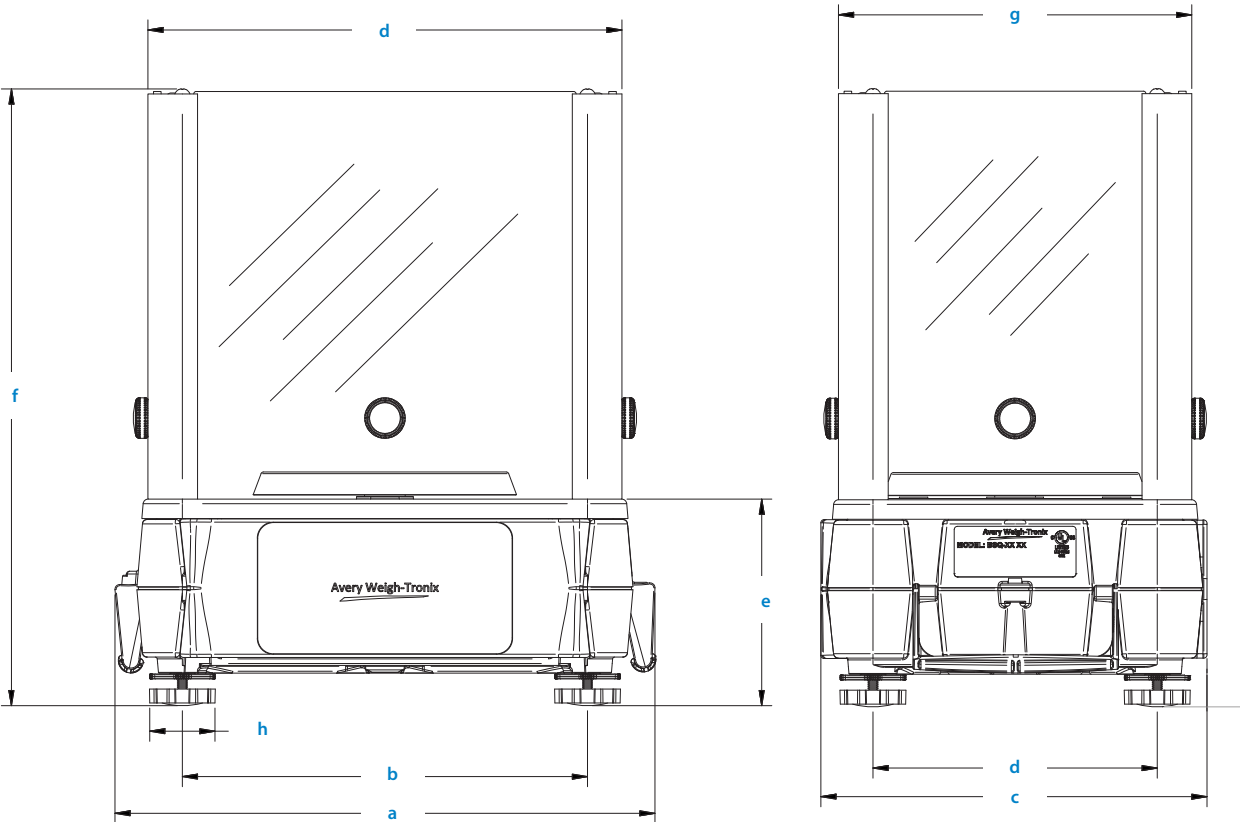
A quick-fit underhook enables items to be suspended under the bench base, for density weighing applications.

SPECIFICATIONS

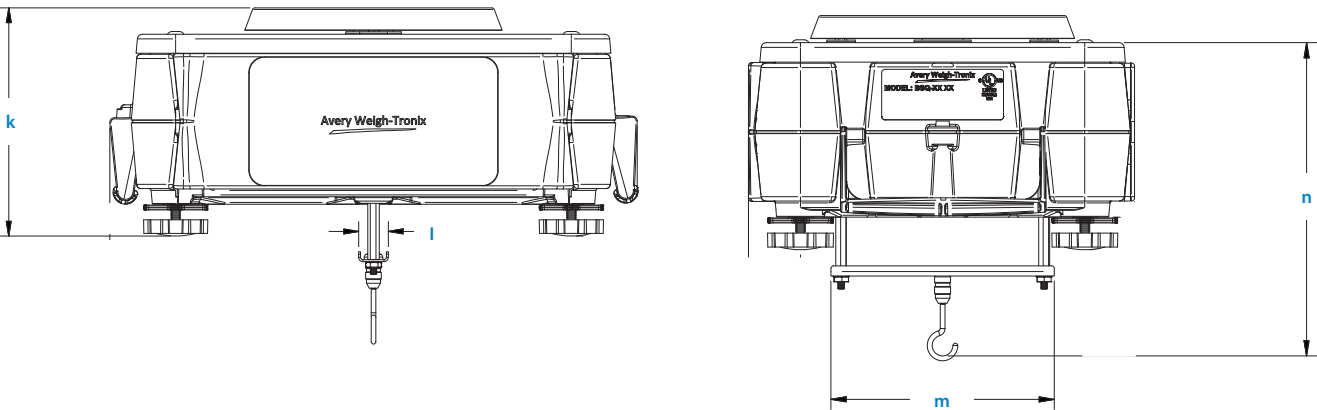
GENERAL

Indicator Compatibility	ZM400 and ZM500 series of indicators
Connectivity	Base connection to the indicator can be achieved by either RS232 to indicator or PC terminal (for custom application software only). 1 x RS232 (via a Keyed RJ45 socket). 1 x USB VCP
Base Communication	Count Data (SMA , 115200, 8 data bits, none, 1 stop bit) or PC terminal
Allowable Cable Length	RS232 up to 50 ft (15 M) USB up to 10 ft (3 M)
Power	Base is powered from the indicator
Base Size & Max Capacity	From 100 g to 1000 g to 230 mm x 305 mm base housing with a 156 mm dia. weight platter From 500 g to 5000 g to 230 mm x 305 mm base housing with a 156 mm dia. weight platter
Displayed Resolution	Can resolve up to 10,000,000 divisions
Legal for Trade Resolution	1 kg base: 10,000 divisions single range with a min 0.1 g (not OIML approved) 5 kg base: 10,000 divisions 3 range with a min 0.1 g
Non Legal for Trade Resolution	100,000 divisions center of pan, stable room temperature
Readability	1 kg base: up to 2,000,000 divisions 5 kg base: up to 2,500,000 divisions
Internal Resolution	1 billion counts (1,000,000,000 counts)
Filter Setting	Controlled within the ZM indicator

DRAUGHT SHIELD OPTION



UNDERHOOK OPTION



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