

1.4 Specifications

Load:

<u>Load Cell</u>	<u>Range</u> <u>Grams</u>	<u>Resolution</u> <u>Grams</u>	<u>Accuracy*</u>
CTX001	0-100	0.01	±0.2% FSR
CTX010	0-1000	0.1	±0.2% FSR
CTX015	0-1500	0.1	±0.2% FSR
CTX050	0-5000	0.1	±0.2% FSR
CTX100	1-10000	0.1	±0.2% FSR
CTX250	2-25000	1.0	±0.2% FSR
CTX500	5-50000	1.0	±0.2% FSR
CTX01K	10-100000	1.0	±0.2% FSR

FSR = Full Scale Range

*Accuracy is 0.2% FSR, when the instrument is operated in a stable ambient temperature (20°C - 25°C).

Trigger Point:

<u>Load Cell</u>	<u>Range</u> <u>Grams</u>	<u>Resolution</u> <u>Grams</u>
CTX001	0 - 10	0.01
CTX010	0 - 100	0.1
CTX015	0 - 150	0.1
CTX050	0 - 500	0.1
CTX100	0 - 1000	0.1
CTX250	0 - 2500	1.0
CTX500	0 - 5000	1.0
CTX01K	0- 10000	1.0

Recommended minimum trigger value settings are given in Table III.1.

NOTE: Setting a trigger value of zero disables the trigger function, so test will immediately start from the current position.

Speed: 0.01 to 0.1mm/s in increments of 0.01mm/s
0.1 to 40mm/s in increments of 0.1mm/s*
Accuracy: ±0.1% of set speed

* Maximum test speed for 100kg = 10mm/s and 50kg = 20mm/s

Position: Range: 0-280mm
Resolution: 0.0005mm
Accuracy: 0.1mm

Increments for changing test speed using the arrow buttons are switched from 0.1mm/s to 1.0mm/s when entering speeds above 10mm/s.

Temperature Sensing Range: -20°C to 120°C (Requires optional temperature probe, TA-TEMP)

Interface: (3) USB A, (1) USB B, GPIO

Environmental: 0°C to 40°C temperature range (41°F to 104°F)

Conditions: 20% - 80% relative humidity, non-condensing atmosphere

Use: Intended for indoor use only

Altitude: up to 2000m

Dimensions: 10.5" x 16" x 25"

Weight: 50lbs. (22.7kg)