

GS/GTX Force Gauges

SPECIFICATIONS

Quantrol™

Specifications:

GS & GTX

Capacity range: 9 Models, 5 N to 2500N
(see charts below)

	<u>GS</u>	<u>GTX</u>
Accuracy	0.2% cap.	0.1% cap
Resolution	2500 divs.	5000 divs.
Effective peak data capture	0.1 sec.	0.005 sec.
A/D rate	1000 Hz	2000 Hz

Functions: GTX also has database, statistics, date/time, pass/fail, reverse display and backlight

Tension/compression testing: Both

Overload protection: 120% minimum

Power: Rechargeable battery or AC charger

Display type: Dot graphic LCD

Data collection: RS-232

Weight: 27 oz (775 g) 500N and below
37 oz (1060 g) 1000N and above

Operating temperature: 60° – 95°F (15° – 35°C)

Includes: Hook, plate, extension rod, carry case, batteries, charger, user's manual, calibration certificate

Load bar: Shows load percentage to minimize overloads

Battery charge: 20 hour operation from full charge

Accessories available: Universal test stand mounting plate, serial cable, software, quick couplers and adapters, test stands, popular grip assortment

Warranty: Two year parts and labor.

Model GS Capacity and Divisions

	mN	N	kN	g-f	kg-f	oz-f	lb-f
GS005	5000 x 2	5 x 0.002	-	500 x 0.2	0.5 x 0.0002	17.5 x 0.01	1.1 x 0.0005
GS010	10000 x 5	10 x 0.005	-	1000 x 0.5	1 x 0.0005	35 x 0.02	2.2 x 0.001
GS025	25000 x 10	25 x 0.01	-	2500 x 1	2.5 x 0.001	87.5 x 0.05	5.5 x 0.002
GS050	50000 x 20	50 x 0.02	-	5000 x 2	5 x 0.002	175 x 0.1	11 x 0.005
GS100	-	100 x 0.05	-	10000 x 5	10 x 0.005	350 x 0.2	22 x 0.01
GS250	-	250 x 0.1	-	25000 x 10	25 x 0.010	875 x 0.5	55 x 0.02
GS500	-	500 x 0.2	-	50000 x 20	50 x 0.02	1750 x 1	110 x 0.05
GS1K0	-	1000 x 0.5	1 x 0.0005	-	100 x 0.05	-	220 x 0.1
GS2K5	-	2500 x 1	2.5 x 0.001	-	250 x 0.1	-	550 x 0.2

Model GTX Capacity and Divisions

	mN	N	kN	g-f	kg-f	oz-f	lb-f
GTX005	5000 x 1	5 x 0.001	-	500 x 0.1	0.5 x 0.0001	17.5 x 0.005	1.1 x 0.0002
GTX010	10000 x 2	10 x 0.002	-	1000 x 0.2	1 x 0.0002	35 x 0.01	2.2 x 0.0005
GTX025	25000 x 5	25 x 0.005	-	2500 x 0.5	2.5 x 0.0005	87.5 x 0.025	5.5 x 0.001
GTX050	50000 x 10	50 x 0.01	-	5000 x 1	5 x 0.001	175 x 0.05	11 x 0.002
GTX100	-	100 x 0.02	-	10000 x 2	10 x 0.002	350 x 0.1	22 x 0.005
GTX250	-	250 x 0.05	-	25000 x 5	25 x 0.005	875 x 0.25	55 x 0.01
GTX500	-	500 x 0.1	-	50000 x 10	50 x 0.01	1750 x 0.5	110 x 0.02
GTX1K0	-	1000 x 0.2	1 x 0.0002	-	100 x 0.02	-	220 x 0.05
GTX2K5	-	2500 x 0.5	2.5 x 0.0005	-	250 x 0.05	-	550 x 0.1

Software Specifications:

Operating systems:

98/2000/NT/XP designed. XP tested.

Easy set-up: No confusing baud, bits, parity configuration required.

Documentation: Electronic

Q-GRAPH GRAPHING SOFTWARE

Data acquisition: 0.02 to 10 Hz

Plots: Load vs. time

Distance vs. time (with speed conversion factor)

Export: Single button export to Excel

Compatibility: GTX and GS Gauges

Q-DATA STATISTICAL SOFTWARE

Input: Individual readings or database dump

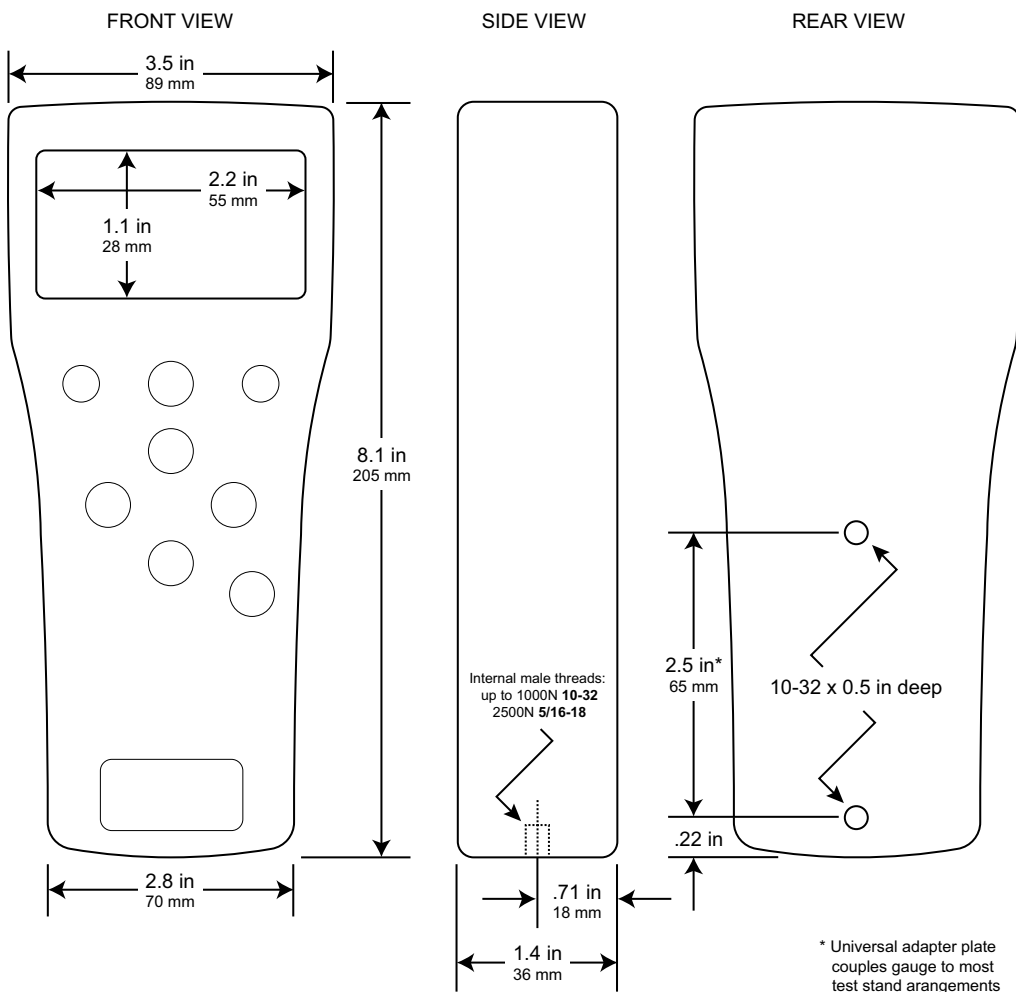
Fields: Record #, tension/compression flag, force, unit, date, time

Statistics: Minimum, maximum, mean, standard deviation, coefficient of variance, pass count and %, fail count and %.

Compatibility: GTX and GS Gauges
(Database dump compatible with GTX only)

Export: Single button export to Excel

Dimensions



AUTHORIZED DISTRIBUTORS

Ask the experts. Quantrol distributors offer complete service capabilities from application assistance to sales and product support. Their experienced representatives are the most knowledgeable experts that you will find in the force measurement industry. We recommend that you consult these capable specialists for all of your measuring needs.

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