






QUICK COMPARISON CHART

Analog and Digital Force Gauges

	LG Series 	DG Series 	DFX II Series 	DFE II Series 	DFS II Series 
Accuracy ($\pm\%$ of full scale)	0.5	0.5	0.3	0.25	0.1
Resolution (Capacity; Resolution Points)	0.5% of FS	0.5% of FS	1:1000	1:1000 or 1:5000	1:10000
Force Ranges*	10-500N (2-100lbf)	1000-2500N (200-500lbf)	50-1000N (10-200lbf)	10-2500N (2-500lbf)	2.5-2500N (0.5-500lbf)
Units of Measurement	N/lbf/kgf	N/lbf/kgf	N/lbf/kgf/gf/ozf	N/lbf/kgf/gf/ozf	N/lbf/kgf/gf/ozf
Sampling	-	-	1KHz	7KHz	10KHz
Peak Rate	-	-	40-1KHz	10-100-1K-7KHz	10-100-1K-7k-10KHz
Display Update Rate	-	-	4Hz	4 or 10Hz	4-10Hz
Overload Capacity of 150%	✓	✓	✓	✓	✓
10% of Tare Capacity of FS	✓	✓	✓	✓	✓
Communication Outputs	-	-	-	RS-232/USB	RS-232/USB/
Mitutoyo Interface	-	-	-	✓	✓
Display Type	Dial indicator	Dial indicator	LCD	Hi Res Color	Hi Res Color
Typical Battery Life	-	-	70-100 hours	16-20 hours	12-20 hours
Auto Dimming	-	-	-	✓	✓
Measurement Unit Lock	-	-	✓	✓	✓
Data Results Storage	-	-	✓	✓	✓
Auto Shut Down	-	-	✓	✓	✓
NIST Calibration Certificate	✓	✓	✓	✓	✓
Overload "Counting-history"	-	-	✓	✓	✓
Adjustable load limit w/buzz	-	-	-	✓	✓
Average load/time	-	-	-	-	✓
Statistical Calculations	-	-	-	✓	✓
Interface to PC using Nexygen	-	-	-	✓	✓
Peak Detection	✓	✓	✓	✓	✓
Break Detection	-	-	-	-	Sharp & % Break
Contact Closure feature	-	-	-	-	✓
Pass & Fail Results	-	-	-	✓	✓
Password Protection	-	-	-	✓	✓
Load Bargraph	-	-	✓	✓	✓
Multi Language	-	-	✓	✓	✓
Optional Dedicated & Detachable Load/Torque Cells	-	-	-	-	✓