

The successor model to ARF series with enhanced basic performance



◆ Compression Peak/Tension Peak Mode

A series of insertion / removal maximum measurement is separately displayed on a two-section screen.

◆ External input / output function

The gauge can be operated by receiving external signals.

1. Continuous data capture signal "COP": It is possible to capture the data and see real-time changes while the "COP" signal is being input at 2KHZ intervals.

2. One-shot data capture signal "INT": Data can be captured at any time.

◆ USB connection

By connecting to a personal computer (PC) via USB, it is possible to change the settings of this gauge by the PC, or send data to the PC.

◆ Printer output

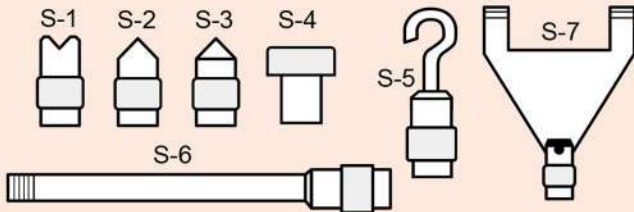
Data can be output to a printer without PC.

*Please use Mitutoyo's Digimatic Mini Processor (DP-1VA) as the dedicated printer.

◆ With backlight

Clear visibility in dimly lit places.

Standard Accessories (AD-FG1~50)



- AC adaptor 1 piece (AC100V-240V)
- USB Cable 1 piece

Model (AD-)	FG1	FG5	FG10	FG50		
Measurement range	±1.000~ ±10.00N	±5.00~ ±50.00N	±10.00~ ±100.0N	±50.0~ ±500.0N		
	±100.0~ ±1000gf	±500~ ±5000gf	±1.000~ ±10.00kgf	±5.00~ ±50.00kgf		
	±0.220~ ±2.200lbf	±1.10~ ±11.00lbf	±2.20~ ±22.00lbf	±11.0~ ±110.0lbf		
Accuracy	±0.2% of F/S					
Display	4-digits LCD					
Measuring direction	Compression - Tension (+ for compression, and - for tension as standard.)					
Measurement mode	PEAK	Holds the maximum load				
	TRACK	The display changes depending on the load change. Used when adjusting to 0, etc.				
	Compression Peak/Tension Peak (P-P)	Holds the peak value of compression and tension				
Battery-powered	Nickel-metal hydride battery : 1.2v×4 cells (1650mAh)					
Measuring unit	Selectable 3 unit N/ kgf(gf)/ lbf					
Charging time	About 3 hours					
Usage time	About 12 hours continuously					
Battery life	Charge 300 times or more (however, it depends on the usage conditions)					
Auto power off	Power off after leaving for 10 min.(Measurement without any time limit is also available)					
Data output	ASCII format (Baud rate: 19200)					
Dedicated charger	Input: AC100V~240V Output: DC9V					
Dimension	About 187 (208 with the shaft included) (L)×80(W)×42(H)					
Net weight	About 800g					

■ Specifications may change without notice.

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