

## Low-Cost Analogue Force Gauges

- accuracy  $\pm 2\%$  of full scale
- low-cost
- compact and lightweight
- push-pull (FD) & push only (DT) gauges
- peak hold readings



The FD and DT series of simple hand-held, push-pull and push only gauges provide an affordable, quick and reliable means of measuring force in tension and compression from just 100 gram-force up to 30 kilogram-force. The housing of these easy-to-use gauges is made from a lightweight plastic, ideal for storing in your toolkit. They come complete with a compression plate, extension rod and test hook (FD version only).

These low-cost analogue force gauges are used in a wide variety of tension and compression applications. For example, insertion testing of electronic components, testing the ripeness of fruit and testing tension belts in ATMs and vending machines.



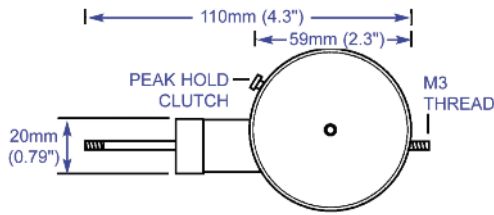
Insertion Testing



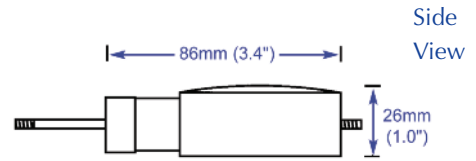
Ripeness Testing

simple  
low-cost  
easy-to-use

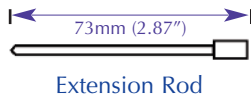
## Dimensions mm (inch)



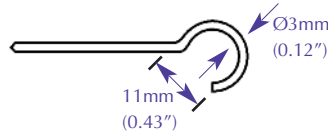
Front View



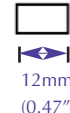
Side View



Extension Rod



Test Hook (FD only)



Compression Plate

## Specifications

Model	Range	Kilos	Graduation	Range	Pounds	Graduation
<b>Push-pull</b>						
FD 101	100gf - 1000gf		10gf	0.2lbf - 2lbf		0.02lb
FD102	0.25kgf - 2.5kgf		25gf	0.5lbf - 5lbf		0.05lb
FD105	0.5kgf - 5kgf		50gf	1lbf - 10lbf		0.10lb
FD110	1kgf - 10kgf		100gf	2lbf - 20lbf		0.25lb
FD120	2kgf - 20kgf		200gf	4lbf - 40lbf		0.50lb
FD130	3kgf - 30kgf		250gf	6lbf - 60lbf		0.50lb
<b>Push only</b>						
DT 101	100gf - 1000gf		10gf	0.2lbf - 2lbf		0.02lb
DT 102	0.25kgf - 2.5kgf		25gf	0.5lbf - 5lbf		0.05lb
DT 105	0.5kgf - 5kgf		50gf	1lbf - 10lbf		0.10lb
DT 110	1kgf - 10kgf		100gf	2lbf - 20lbf		0.25lb
DT 120	2kgf - 20kgf		200gf	4lbf - 40lbf		0.50lb
DT 130	3kgf - 30kgf		250gf	6lbf - 60lbf		0.50lb
<b>Weight</b>		76g			2.7oz	
<b>Accuracy</b>	±2% of full scale					
<b>Calibration</b>	Calibration Certificate available upon request					

Mecmesin reserves the right to alter equipment specifications without prior notice.



DISTRIBUTOR STAMP

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