

## 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.



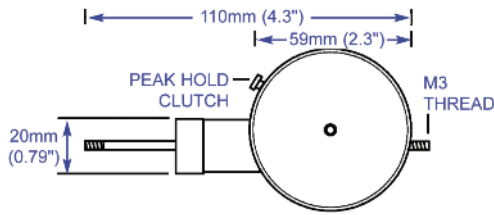
Insertion Testing



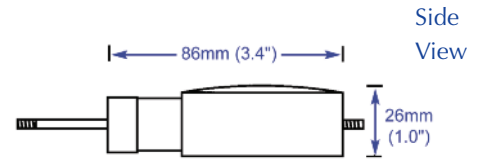
Ripeness Testing

simple  
low-cost  
easy-to-use

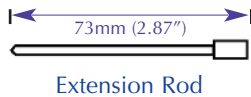
## Dimensions mm (inch)



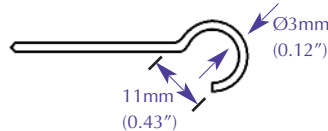
Front View



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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### Head Office

Mecmesin Limited  
Newton House, Spring  
Copse Business Park,  
Slinfold, West Sussex,  
RH13 0SZ, United Kingdom,  
e. sales@mecmesin.com  
t. +44 (0) 1403 799979  
f. +44 (0) 1403 799975

### North America

Mecmesin Corporation  
45921 Maries Road,  
Suite 120, Sterling  
Virginia 20166, U.S.A.  
e. info@mecmesincorp.com  
t. +1 703 433 9247  
f. +1 703 444 9860

### Asia

Mecmesin Asia Co. Ltd  
91/1 Chaiyo Building, 11th Floor,  
Room 1106, Rama 9 Road, Huaykwang,  
Bangkok, 10310, Thailand  
e. sales@mecmesinasia.com  
t. +66 2 247 46 81  
f. +66 2 247 46 82

### China

Mecmesin (Shanghai) Pte Ltd  
Unit 1308 Da Lian Road,  
No.970 (Hi shanghai Building 9),  
Yang Pu District,  
Shanghai, People's Republic of China  
e. sales@mecmesin-china.com  
t. +86 21 3377 1733 / 1755  
f. +86 21 3377 1766