

# Loading /Pulling Force Testing Machine

## RSM-PTM-02



- ▶ Mes system(Data upload server)
- ▶ Barcode scanning guns(Use software to input work number , and product material number can be input quickly)
- ▶ PC communication interface (PC printing report)
- ▶ WIFI(Networking)
- ▶ Micrometer(Testing terminal riveting crimping height and width)
- ▶ Network port(Link to companies Internet)
- ▶ Label printer(Testing the data will generate QR code)

### Loading /Pulling Force Testing Machine

Mes System	Data upload server	Standard
Barcode Scanner	Using software number to input, products material number can be quickly input	Optional
Terminal Altimeter	Testing terminal riveting crimping height and width	Optional
PC Software	real-time variety waveform graph Test information Judgement results	Optional
Adhesive Sticker Thermal Printer	Max.force testing message	Optional
WIFI	Standard network port	

### Feature

- ▶ Automatic reset after pulling off one terminal, which can save the time and improve the efficiency.
- ▶ User-friendly. Upper and lower limits of pulling force, calibration, pulling off conditions and other parameters can be set on HMI.
- ▶ Automatic result judgment. Judge OK or NG after pulling. No manual judgement required, reduce error rate and training costs.
- ▶ High flexibility. Unit quick conversion between KG, N and LB.
- ▶ The data can be returned by USB or input into MES(communication protocol available).
- ▶ The data could be automatically recorded, transmitted and erased. Each test is unchangeable, which facilitates eliminating fraudulent detection and enhance quality control.
- ▶ Height gauge could be connected to test terminal crimping height.

### Specification

Model	RSM-PTM-02
Testing range	0 – 1000N
Resolution	0.01N
Equipment Accuracy	Accuracy 0.05%
Pulling speed	25/50/100 mm/min
Linking interface	USB host, USB equipment
Electrical continuity	20A direct current/20A
Max.Stroke	48 mm
Weight	10.5KG
Dimension	404mm×154mm ×120 mm



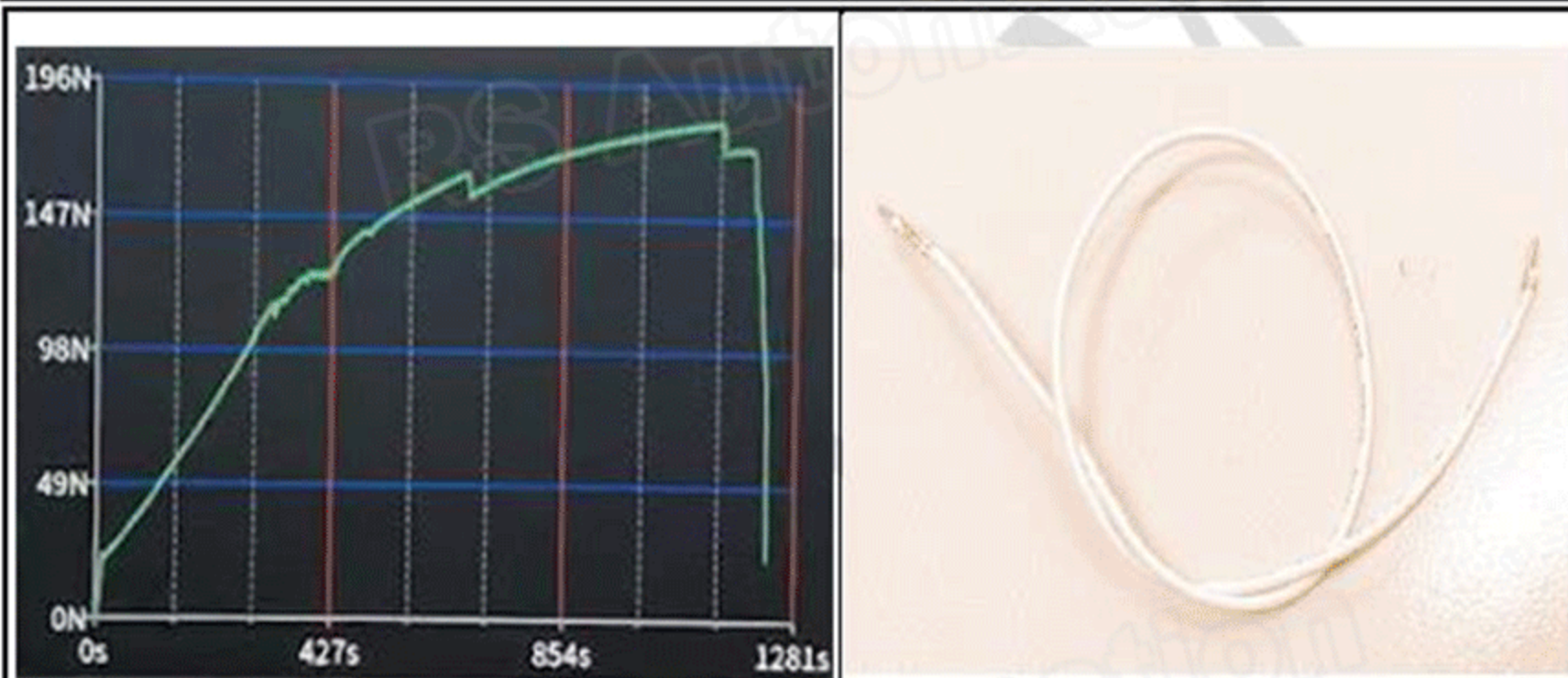
### Wire Harness Tension Test Report



**Product Information:**

Manufacturer: GM      Test Engineer: pert      Testing Engineer No.: 089563  
 Products No.: 454ksajh      Terminal No.: 12305      Cable No.: as5592  
 Crimping machine&applicators No.: P-5651-K5

**Test results:**



No.	Test Engineer	Testing time	Products No.	Terminal Height	Pulling force value	Force value range	Result
1	KKK	2019-3-28 14:29:01	454ksajh	1.52mm	65N	≈50N	OK
2	Ppf	2019-3-28 14:29:50	4442sajh	1.35mm	35N	≈40N	NG

Remark:

Testing Date:      Equipment No.:      CFMST-MS (V1.2.3)