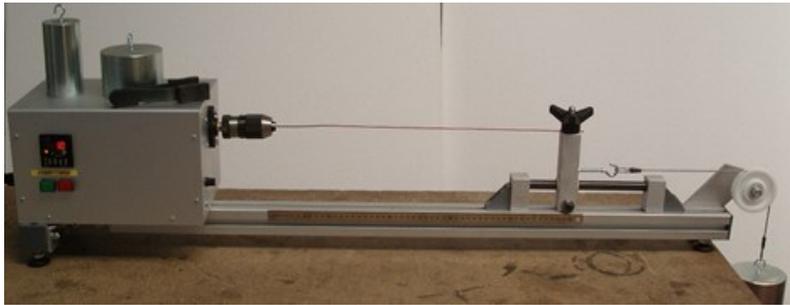


# Peel Tester

## Model PT, PT0



## Test procedure

A sample of round wire shall be inserted between two mandrels. One of these can rotate, and the other cannot rotate but can be displaced axially. The latter is loaded according to the table to apply tension to the rotating wire.

Nominal conductor diameter mm		Load N
Over	Up to and including	
1.00	1.40	25
1.40	1.80	40
1.80	2.24	60
2.24	2.80	100
2.80	3.55	160
3.55	4.50	250
4.50	5.00	400

The enamel is removed on opposite sides of the wire down to the bare conductor by means of a scraper. The rotating fixing device shall be driven at a speed from 60 to 100 rpm until the required number of revolutions has been reached. The specimen shall then be examined for enamel flexibility and adhesion.

## System description model PT

- Suitable for diameters from 0.9 mm up to 5.00 mm (19-4 AWG)
- Load cell with linear servo-actuator for test load up to 500 N, which eliminates the need for test weights and operator fatigue
- Supplied with an easy-to-use scraper
- Human Machine Interface to set and display test load, mandrel speed revolution, pre-selection of number of torsions of sample wire with automatic stopping
- Brushless motor with planetary gearbox, electronic driver, adjustable speed from 30 to 220 rpm
- Suitable for mandrel winding test

## System description model PT0

- Suitable for diameter from 0.9 mm to 2.00 mm (19-12 AWG)
- It is a gear motor with a planetary gearbox, an electronic driver, and an adjustable speed from 30 to 100 rpm
- Adjustable test length from 400 up to 550 mm
- Supplied with an easy-to-use scraper
- Pre-select several torsions of sample wire with automatic stopping
- Suitable for mandrel winding test

## Specifications

Model	PT	PT0
PT, PT0		
<b>Dimensions</b>		
Dimensions (WxDxH)	1170x440x380 mm	1200x300x260 mm
Weight	33.1 kg / 72,9 lb	24 kg / 52.8 lb
<b>Power supply</b>		
Volt	230 V	100-240 V
Hertz	50/60 single phase	50/60 single phase
Volt-amperes	200	100
<b>Standards</b>		
IEC	60851-3.5.4	60851-3.5.4
<b>Options</b>		
	Extended range up to 12.5 mm	
MAN	Complete set of 36 mandrels for winding test	