

# PEEL TEST FIXTURE

to measure the bond strength

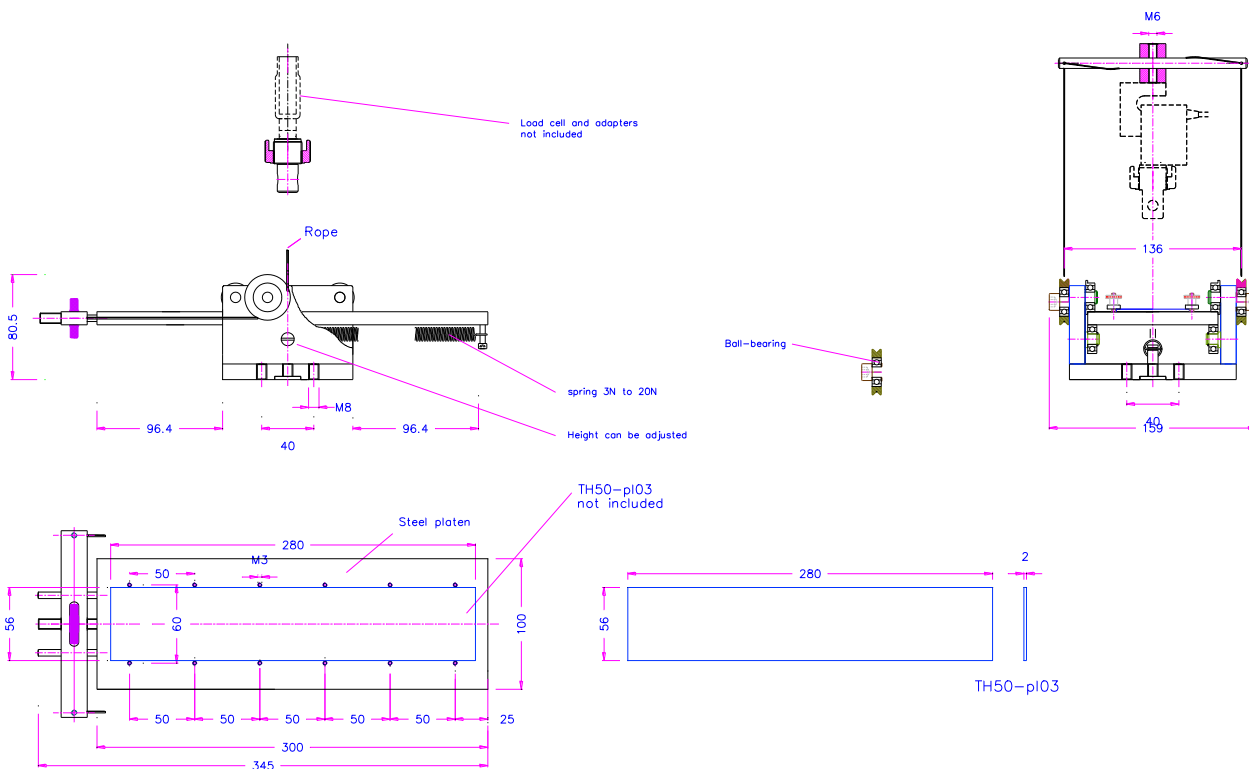
The sliding table provides a steady movement to maintain a constant peel angle.  
The peel point remains in the centre.

ASTM-B571-Nr.11, EN28510, ISO 8510-1, ASTM-D2861-Fig.A, DIN EN1939 Fig.B1, ASTM-D3330, GOST-26246, ASTM-D6862, ASTM-D6252

<b>Item-No.:</b>	<b>TH50</b>
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90° peel test fixture for adhesives

Max. load:	5 kN
Coupling:	M6 (upper) and Af159 (lower) Further couplings on request
Specimen width max.:	Max. 50 mm
Specimen length max.:	Max. 280 mm
Body:	Steel, nickel-plated
Temperature range:	0 – 70 °C Further temperature ranges on request
Weight:	5.4 kg
Scope of delivery:	Fixture incl. mounting bar, wire and wire end tubes

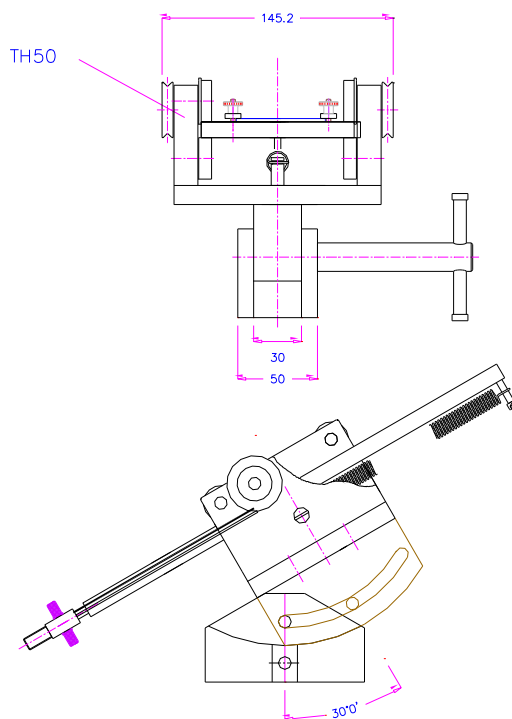
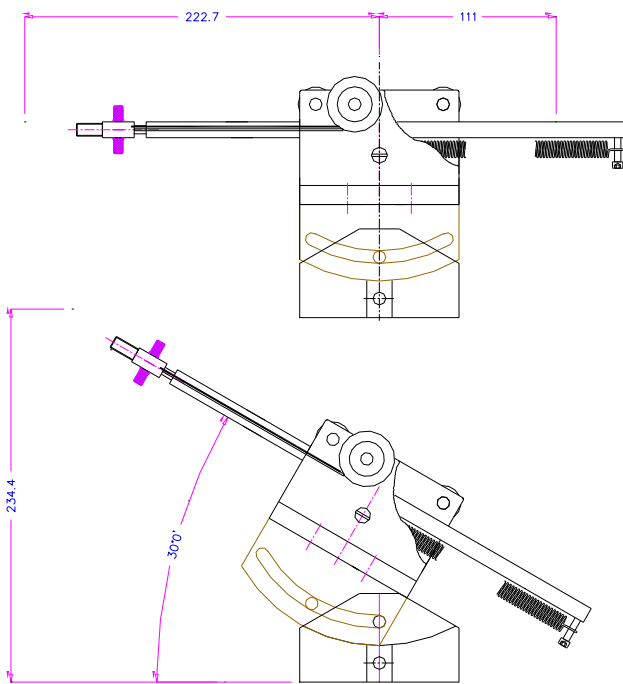


TH50

**Item-No.: TH50+SW1**

Like TH50, but with adjustable peel angle  $\pm 30^\circ$

- Max. load: 5 kN
- Coupling: M6 (upper) and Af159 (lower)  
Further couplings on request
- Specimen width max.: Max. 50 mm
- Specimen length max.: Max. 280 mm
- Body: Steel, nickel-plated
- Temperature range: 0 – 70 °C  
Further temperature ranges on request
- Weight: 7.6 kg
- Scope of delivery: Fixture incl. mounting bar, wire and wire end tubes

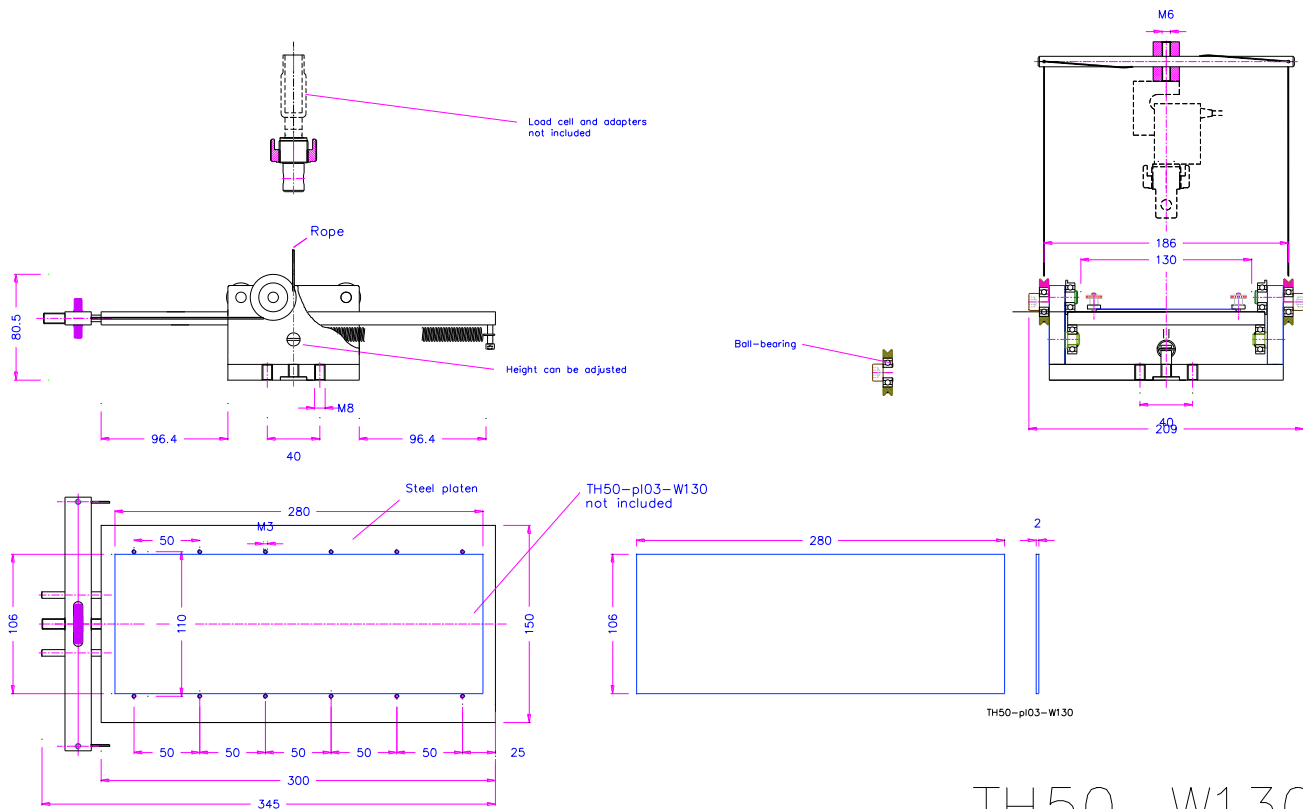


TH50+SW1

**Item-No.: TH50-W130**

Like TH50, but 130 mm wide

- Max. load: 5 kN
- Coupling: M6 (upper) and Af159 (lower)  
Further couplings on request
- Specimen width max.: Max. 100 mm
- Specimen length max.: Max. 280 mm
- Body: Steel, nickel-plated
- Temperature range: 0 – 70 °C  
Further temperature ranges on request
- Weight: 7.1 kg
- Scope of delivery: Fixture incl. mounting bar, wire and wire end tubes



TH50-W130

**Item-No.: TH50-W130+SW1**

Like TH50-W130, but with adjustable peel angle  $\pm 30^\circ$

Max. load: 5 kN

Coupling: M6 (upper) and Af159 (lower)  
Further couplings on request

Specimen width max.: Max. 100 mm

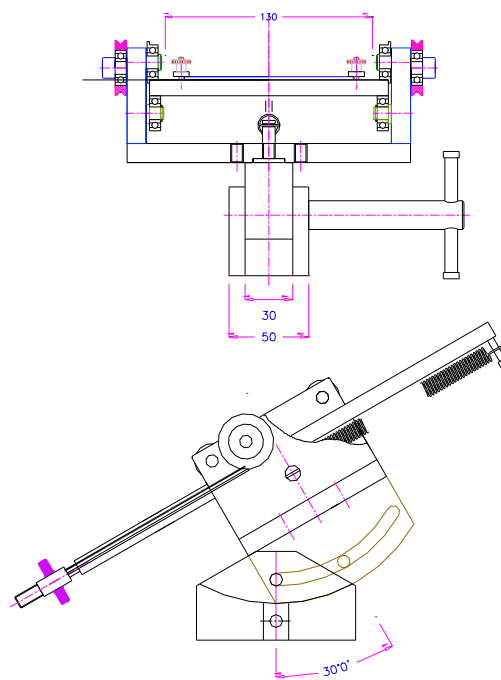
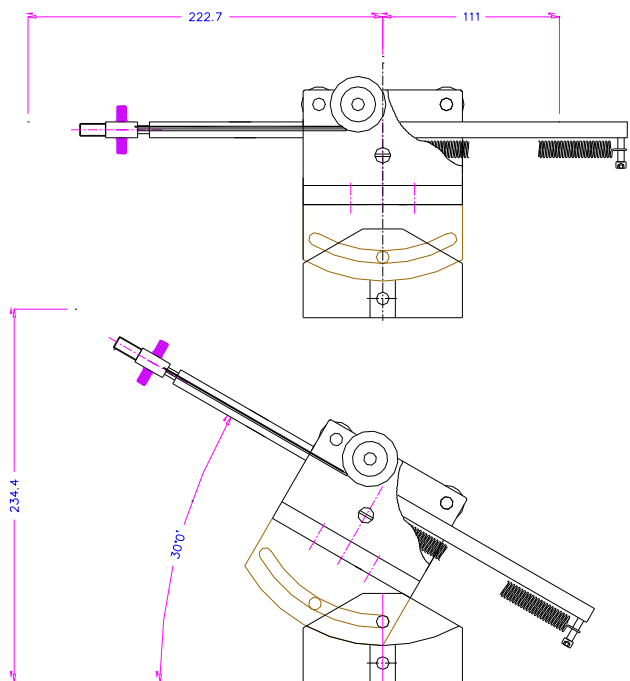
Specimen length max.: Max. 280 mm

Body: Steel, nickel-plated

Temperature range: 0 – 70 °C  
Further temperature ranges on request

Weight: 9.2 kg

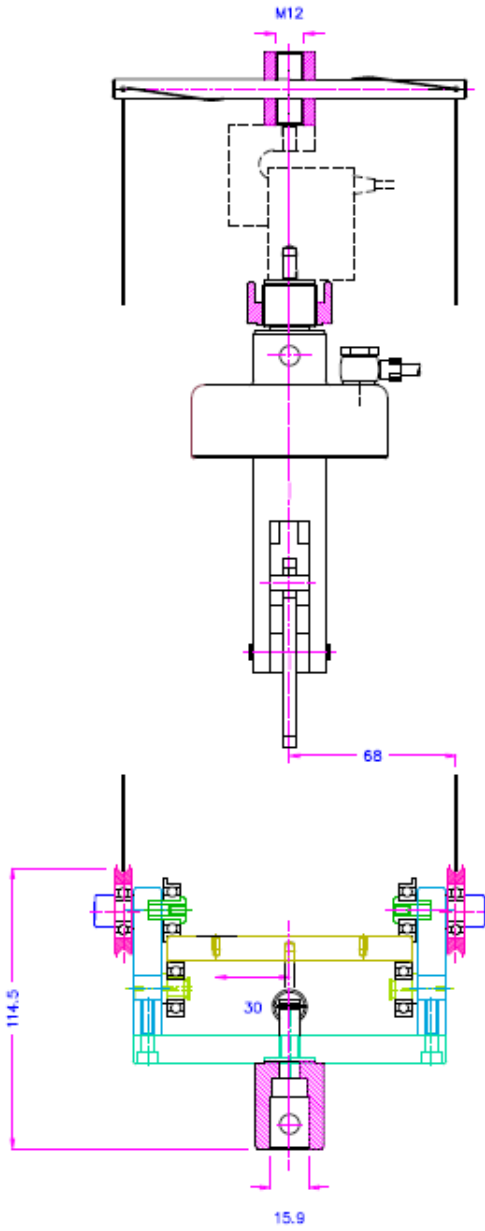
Scope of delivery: Fixture incl. mounting bar, wire and wire end tubes

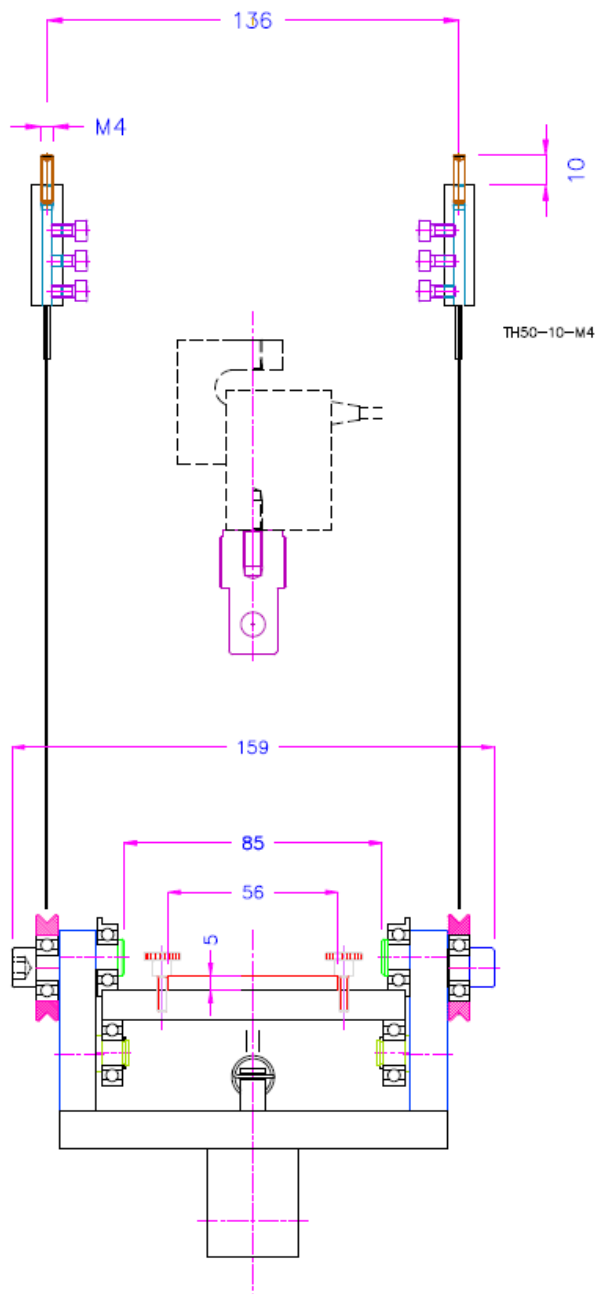


TH50 – W130+SW1

**Fixing proposal for wires  
behind load cell**

**(standard)**

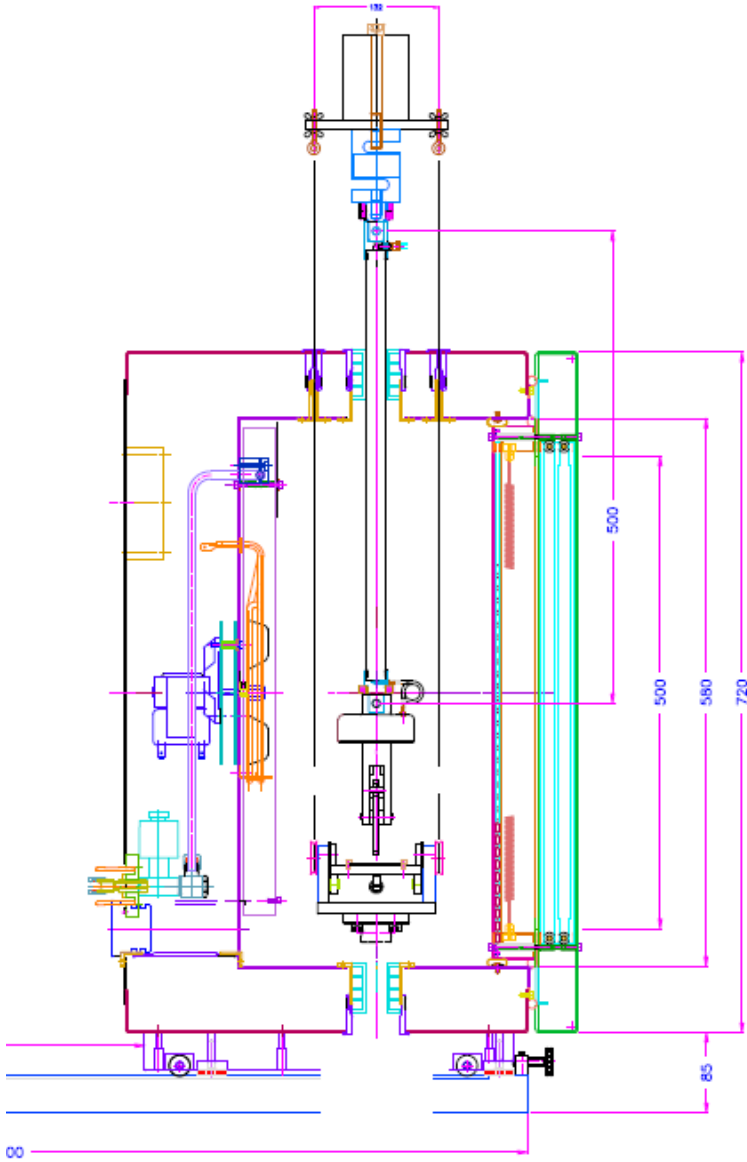




**Fixing proposal for wires  
in crosshead**

**(special)**

**TH50 fixing proposal for wires  
in temperature chamber TH2700  
(special)**



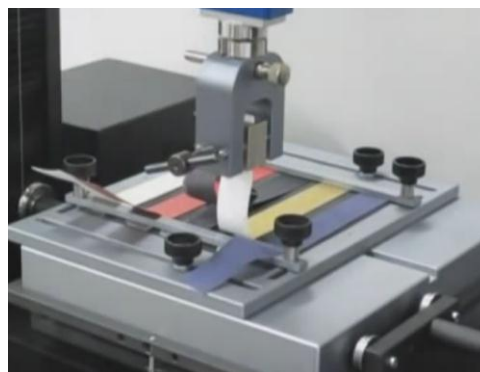
**Videos:**

**TH50-S26-W260**

Peel test



Watch video



**Accessories:**



**Item no.: TH50-PL03**

Carrier platen for samples, dimensions 56 x 280 x 2 mm, stainless steel

**Item no.: TH50-PL03-W130**

Carrier platen for samples, for TH50 fixtures with 130 mm width, dimensions 106 x 280 x 2 mm stainless steel

**Recommendations for upper grip to hold a specimen:**



THS470  
[Datasheet](#)



THS341  
[Datasheet](#)

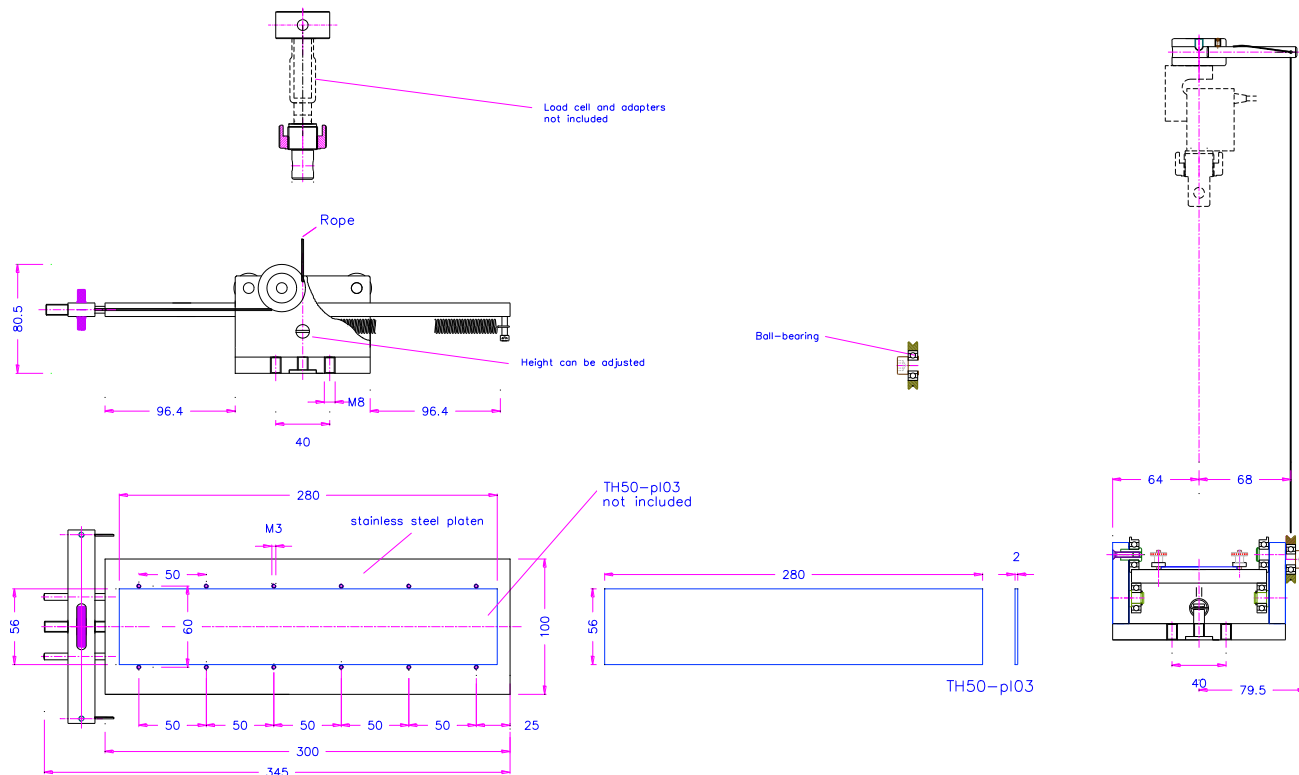


TH227  
[Datasheet](#)



Examples for customized solutions:

Single column version



TH50-SC-M6



TH50-B260-L300-SW1 +-30°



TH50+S13- top platen lateral movable



TH50+SW5 0-90°



TH50-S19



TH50-TT – upper top platen 126 mm wide



TH50-S26 – with movable platens  
<https://youtu.be/-H50tjFFZUk>



TH50-SW1-T200-Ni-S27



TH50-W1000 – extra wide version



TH50-W260



TH50-THS860 – with clamping jaws

**Fixtures similar to TH50:**



**TH3980**

TH3980 motorised version

Adjustable peel angle  $\pm 90^\circ$

Sensor allows to keep the peel angle constant

For elastic adhesive tapes

<http://www.youtube.com/watch?v=PKczkayxHck>



**THS891**