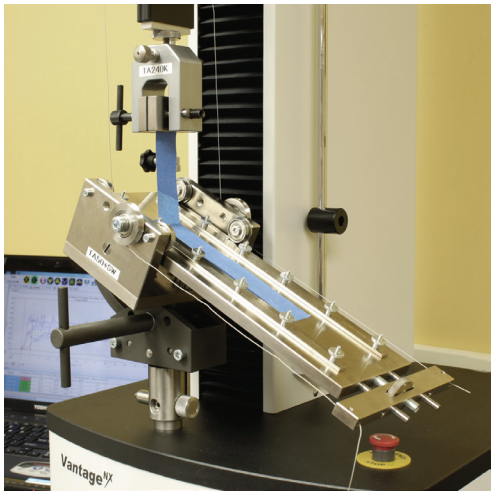
Variable Angle Peel Fixture

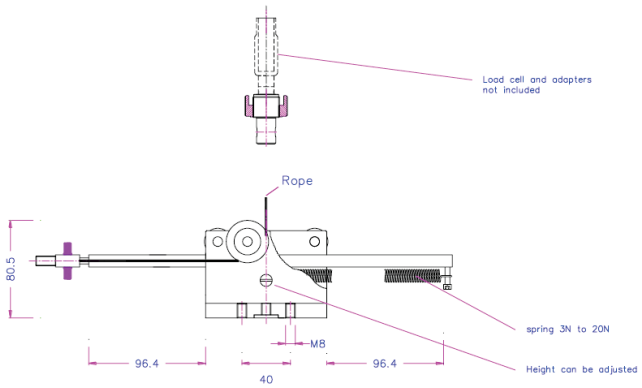
TA50 – 5kN

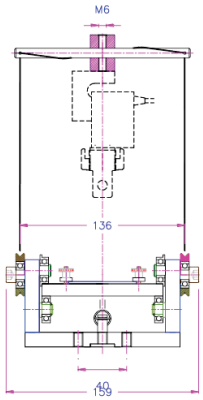
Used to measure bond strength.
The sliding table provides a steady movement to maintain a constant angle peel and the peel point remains at the center.

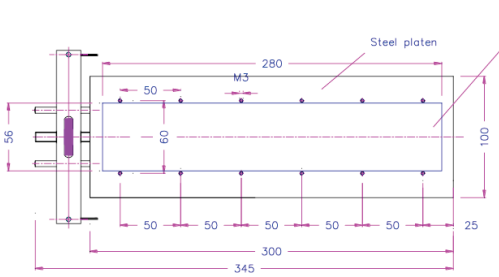
Common Standards:
ASTM-B571-Nr.11, EN28510, ISO 8510-1, ASTM-D2861-Fig.A, DIN EN1939 Fig.B1, DIN EN ISO29862 Fig.B1, ASTM-D3330, GOST-26246, ASTM-D6862, ASTM-D6252

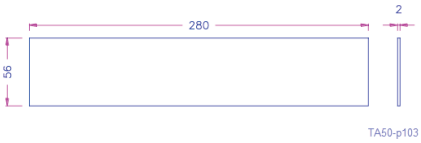
TA50	90° peel test fixture for adhesives
Maximum load	5 kN
Coupling	M6 (upper) and Af159 (lower) Further couplings on request
Specimen width max	50 mm
Specimen length max	200 mm
Body	Steel, nickel-plated
Temperature range	0 – 70 °C Other temperature ranges on request
Weight	5.4 kg
Scope of delivery	Fixture including mounting bar, wire and wire end tubes

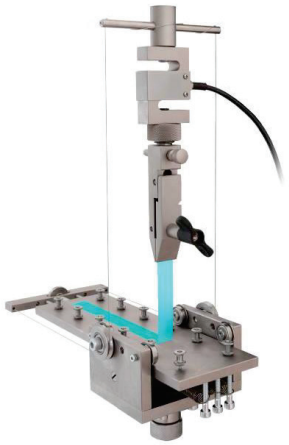












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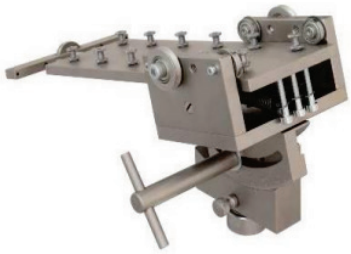
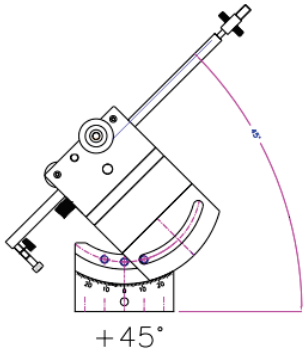
Variable Angle Peel Fixture

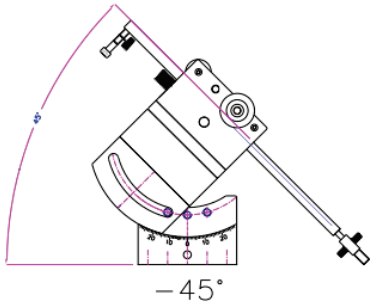
TA50 – 5kN

TA50+SW1	± 30° variable adjustable angle
Maximum load	5 kN
Coupling	M6 (upper) and Af159 (lower) Further couplings on request
Specimen width max	50 mm
Specimen length max	280 mm
Body	Steel, nickel-plated
Temperature range	0 – 70 °C Other temperature ranges on request
Weight	7.6 kg
Scope of delivery	Fixture including mounting bar, wire and wire end tubes

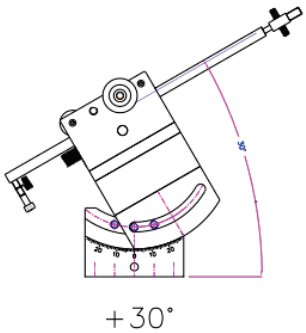




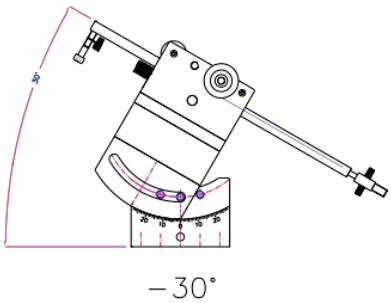
+45°



−45°



+30°



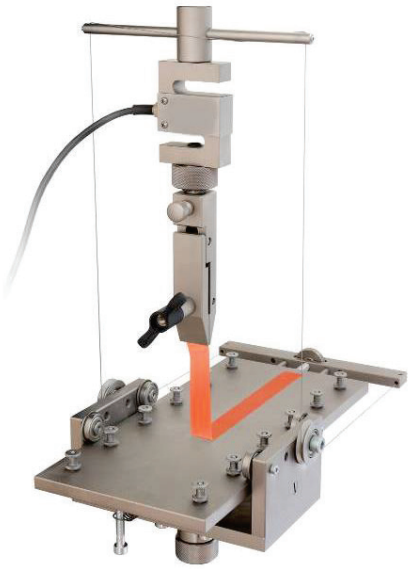
−30°

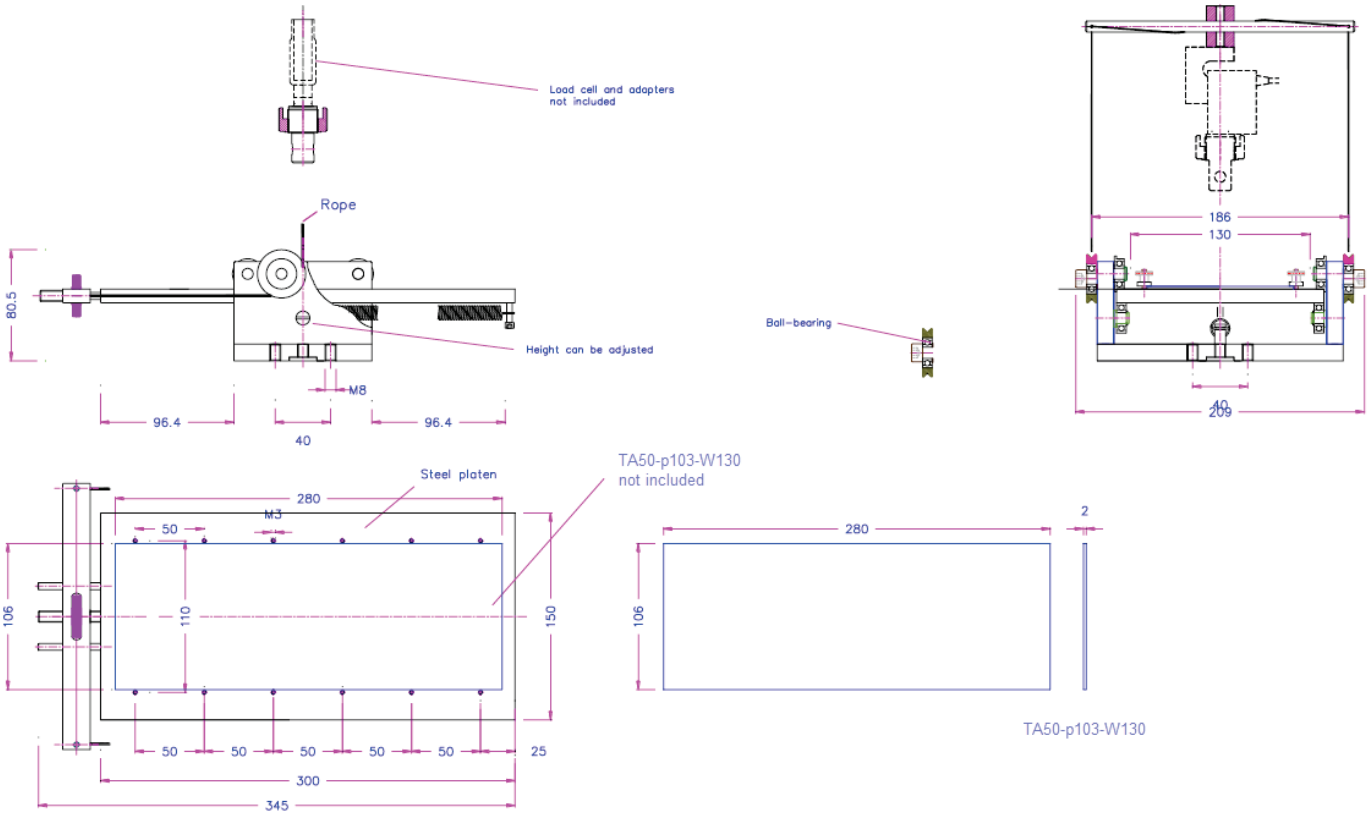
TA50+SW1

Variable Angle Peel Fixture

TA50 – 5kN

TA50-W130	90° peel test fixture for adhesives 130 mm wide
Maximum load	5 kN
Coupling	M6 (upper) and Af159 (lower) Further couplings on request
Specimen width max	100 mm
Specimen length max	280 mm
Body	Steel, nickel-plated
Temperature range	0 – 70 °C Other temperature ranges on request
Weight	7.1 kg
Scope of delivery	Fixture including mounting bar, wire and wire end tubes



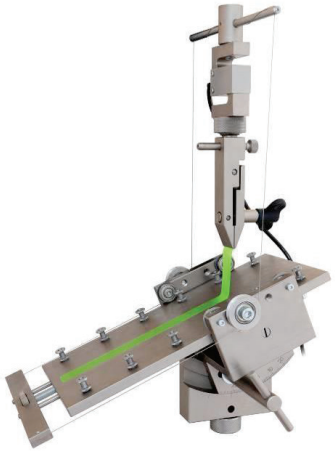


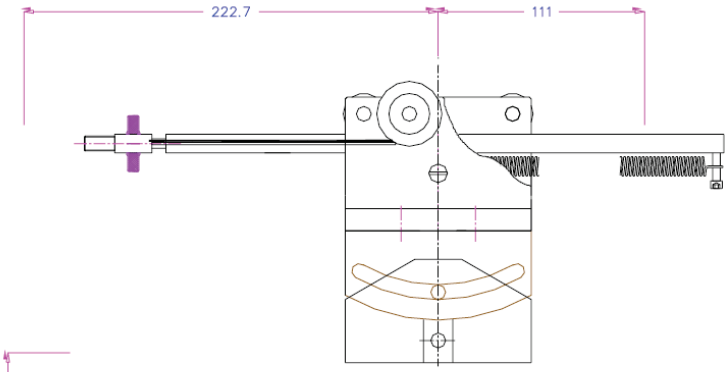
TA50-W130

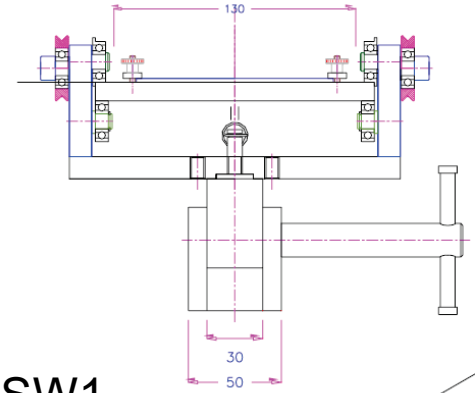
Variable Angle Peel Fixture

TA50 – 5kN

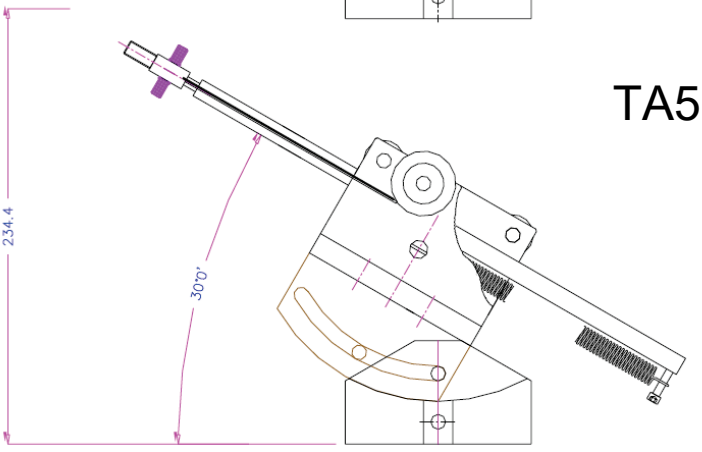
TA50-W130+SW1	± 30° variable adjustable angle 130 mm wide
Maximum load	5 kN
Coupling	M6 (upper) and Af159 (lower) Further couplings on request
Specimen width max	100 mm
Specimen length max	280 mm
Body	Steel, nickel-plated
Temperature range	0 – 70 °C Other temperature ranges on request
Weight	9.2 kg
Scope of delivery	Fixture including mounting bar, wire and wire end tubes

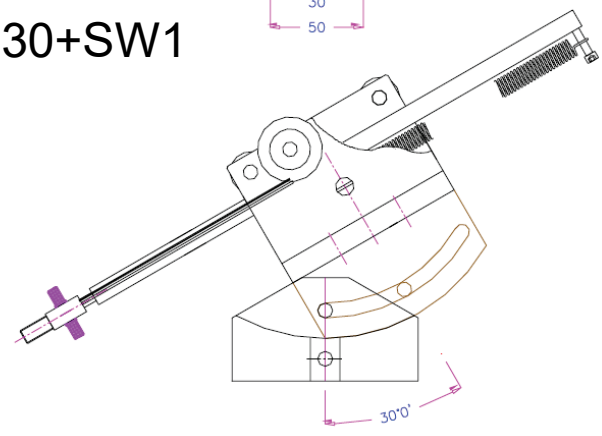






TA50-W130+SW1





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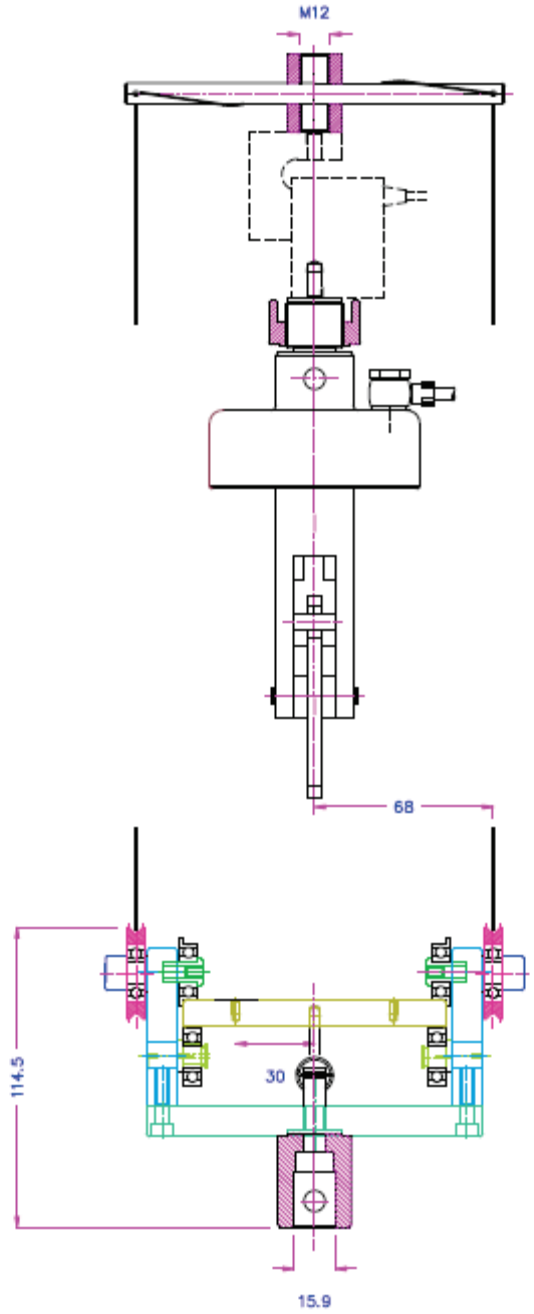
Variable Angle Peel Fixture

TA50 – 5kN

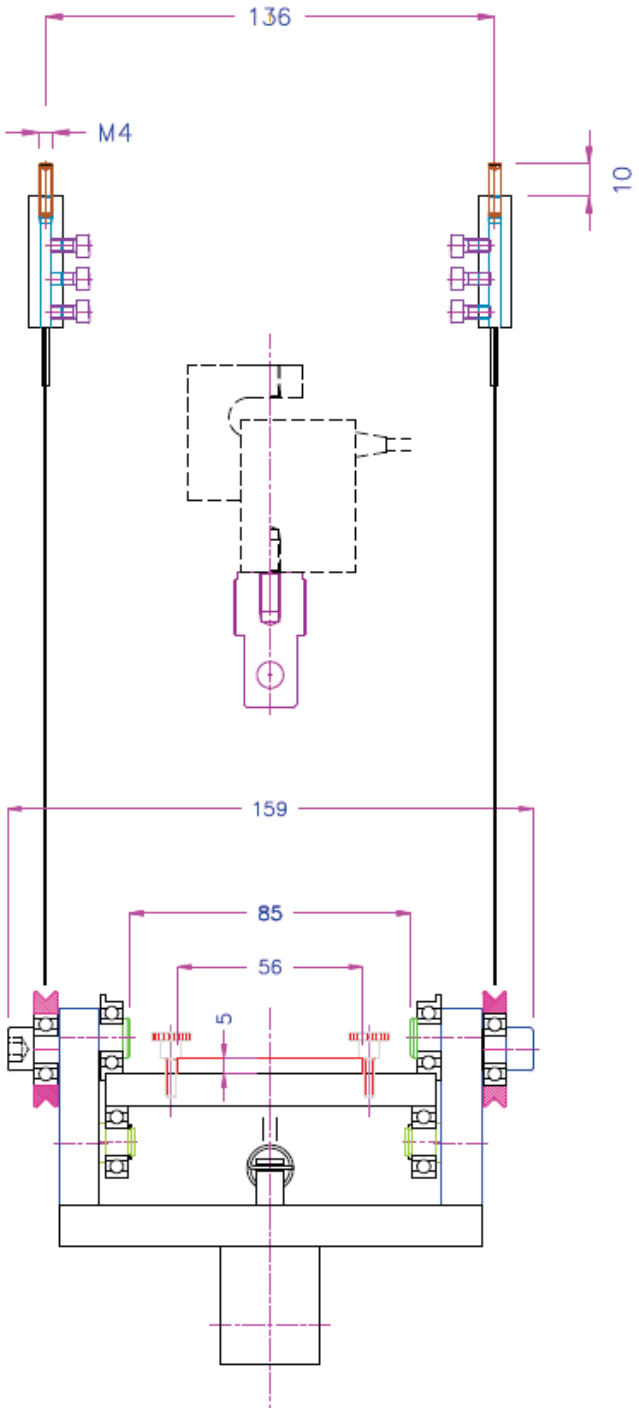
Fixing proposal for wires behind load cell (standard)



Variable Angle Peel Fixture

TA50 – 5kN

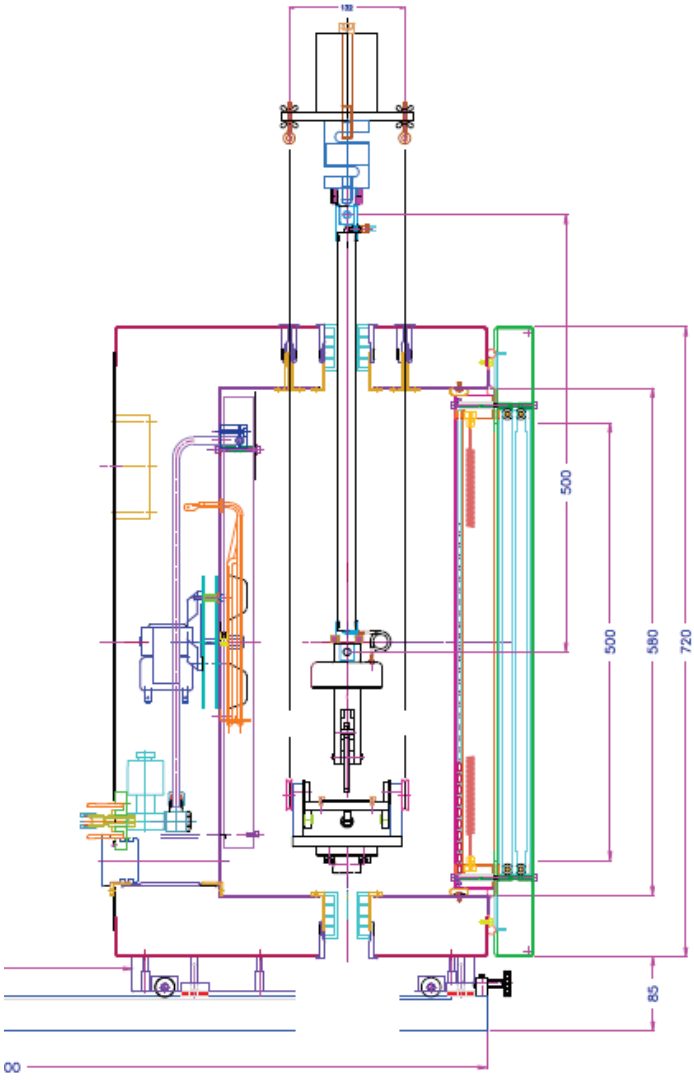
Fixing proposal for wires in crosshead (special)



Variable Angle Peel Fixture

TA50 – 5kN

TA50 fixing proposal for wires in temperature chamber TA2700 (special)



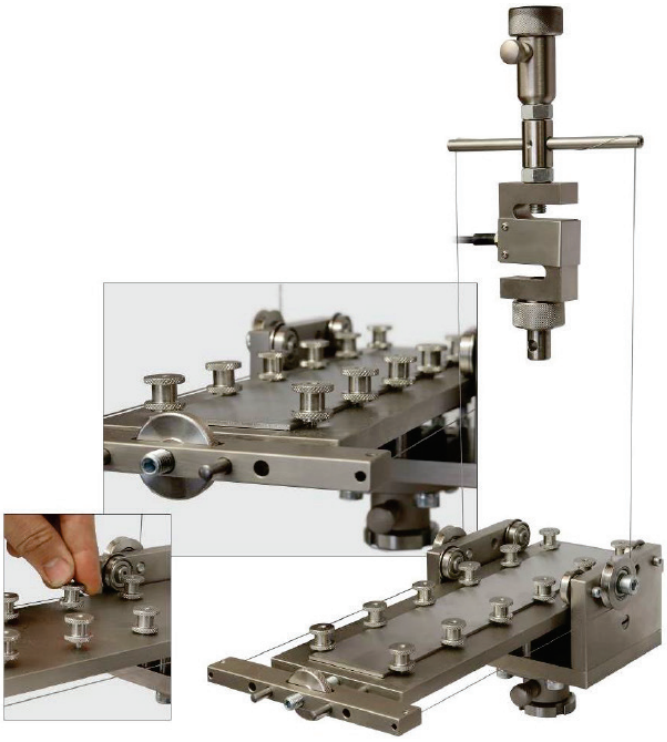
Variable Angle Peel Fixture

TA50 – 5kN

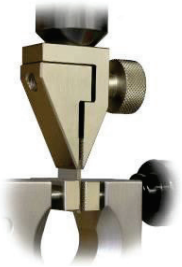
Accessories

TA50-PL03
Carrier platen for samples,
dimensions 56 x 280 x 2 mm
stainless steel, roughness Rz 6 ± 1

TA50-PL03-W130
Carrier platen for samples,
for TA50 fixtures with 130 mm width
dimensions 106 x 280 x 2 mm
stainless steel, roughness Rz 6 ± 1



Recommended Upper Grip Options:



TAS470

TAS341

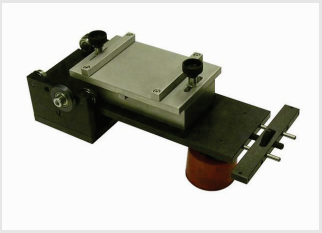
TA227

Variable Angle Peel Fixture

TA50 – 5kN

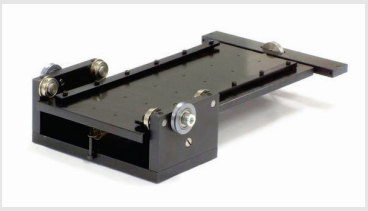
Examples of Custom Solutions

TA50-B260-L300-SW1 +-30°



TA50+S31 top platen laterally movable

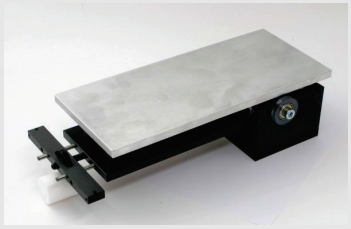
TA50+SW5 0-90°



TA50-W130

TA50-S19

TA50-ground plate+TAS572



TA50-TT Upper top platen 126 mm wide

TA50-S26 Moveable Platens

TA3980 Motorized Adjustable Peel ±90°

TAS891