


**UniTek™ Universal / Tensile Testing Machine Parts List**

UNITEK™ UTE SERIES	
MODEL NUMBER	DESCRIPTION
UTE10	Electronic, 100 kN Capacity, Universal
UTE20	Electronic, 200 kN Capacity, Universal
UTE40	Electronic, 400 kN Capacity, Universal
UTE60	Electronic, 600 kN Capacity, Universal
UTE100	Electronic, 1000 kN Capacity, Universal
UTE200	Electronic, 2000 kN Capacity, Universal
UTE300	Electronic, 3000 kN Capacity, Universal
UNITEK™ F9400 SERIES	
MODEL NUMBER	DESCRIPTION
F9401	Electronic, 0–1 kN Capacity, Twin Column
F9402.5	Electronic, 0–2.5 kN Capacity, Twin Column
F9405	Electronic, 0–5 kN Capacity, Twin Column
F9410	Electronic, 0–10 kN Capacity, Twin Column
F9450	Electronic, 0–50 kN Capacity, Twin Column
F94100	Electronic, 0–100 kN Capacity, Twin Column
UNITEK™ F9500 SERIES	
MODEL NUMBER	DESCRIPTION
F9510	Computerized, 0–10 kN Capacity, Twin Column
F9550	Computerized, 0–50 kN Capacity, Twin Column
F95100	Computerized, 0–100 kN Capacity, Twin Column
UNITEK™ F9700 SERIES	
MODEL NUMBER	DESCRIPTION
F9701	Electronic, 0–1 kN Capacity, Single Column
F9702.5	Electronic, 0–2.5 kN Capacity, Single Column
ACCESSORIES: Load Cells	
PART NUMBER	DESCRIPTION
UT1198100	100 N (10 kgf) Capacity 8 mm Ø Plug, 3 mm Ø Pin
UT1198250	250 N (25 kgf) Capacity 8 mm Ø Plug, 3 mm Ø Pin
UT1198500	500 N (50 kgf) Capacity 8 mm Ø Plug, 3 mm Ø Pin
UT1198001	1 kN (100 kgf) Capacity 14 mm Ø Plug, 6 mm Ø Pin
UT1198002	2.5 kN (250 kgf) Capacity 14 mm Ø Plug, 6 mm Ø Pin
UT1198005	5 kN (500 kgf) Capacity 20 mm Ø Plug, 8 mm Ø Pin
UT1198010	10 kN (1000 kgf) Capacity 20 mm Ø Plug, 8 mm Ø Pin
UT1198025	25 kN (2500 kgf) Capacity 36 mm Ø Plug, 18 mm Ø Pin
UT1198050	50 kN (5000 kgf) Capacity 36 mm Ø Plug, 18 mm Ø Pin
UT1198100	100 kN (10000 kgf) Capacity 50 mm Ø Plug, 25 mm Ø Pin

ACCESSORIES: "Wedge" Test Specimen Grips	
PART NUMBER	DESCRIPTION
UT1198210	Wedge Grips, 10 kN Capacity Inserts for 4–10 mm Ø Specimens Inserts for 0–6 mm Thick Specimens
UT1198250	Wedge Grips, 50 kN Capacity Inserts for 4-10 mm Ø Specimens Inserts for 0–6 mm Thick Specimens
UT1198251	50 kN Inserts for 4–12 mm Ø Specimens
UT1198252	50 kN Inserts for 12–20 mm Ø Specimens
UT1198253	50 kN Inserts for 0–8 mm Thick Specimens
UT1198254	50 kN Inserts for 8–16 mm Thick Specimens
UT1198350	Wedge Grips, 100 kN Capacity Inserts for 4–10 mm Ø Specimens Inserts for 0–6 mm Thick Specimens
UT1198351	100 kN Inserts for 5–12 mm Ø Specimens
UT1198252	100 kN Inserts for 12–20 mm Ø Specimens
UT1198353	100 kN Inserts for 20–30 mm Ø Specimens
UT1198354	100 kN Inserts for 0–10 mm Thick Specimens
UT1198355	100 kN Inserts for 10–20 mm Thick Specimens
ACCESSORIES: "Screw" Test Specimen Grips	
PART NUMBER	DESCRIPTION
UT1198360	Screw Grips, 250 N Capacity Inserts for 0–6 mm Thick Specimens
UT1198361	Screw Grips, 1 kN Capacity Inserts for 0–10 mm Thick Specimens
UT1198362	Screw Grips, 10 kN Capacity Inserts for 0–6 mm Thick Specimens
ACCESSORIES: "Pincer" (Toggle) Test Specimen Grips	
PART NUMBER	DESCRIPTION
UT1198370	Screw Grips, 500 N Capacity Inserts for 0–6 mm Thick Specimens
UT1198371	Screw Grips, 2.5 kN Capacity Inserts for 0–6 mm Thick Specimens
UT1198372	Screw Grips, 5 kN Capacity Inserts for 0–6 mm Thick Specimens
ACCESSORIES: "Thread" (Fiber) Test Specimen Grips	
PART NUMBER	DESCRIPTION
UT1198380	Single Thread Grips, 20 N Capacity 2 mm Ø Capacity
UT1198381	Single Thread Grips, 100 N Capacity 2 mm Ø Capacity
UT1198382	"Bollard" Fiber Grips, 100 N Capacity 2 mm Ø Capacity
UT1198383	"Bollard" Fiber Grips, 500 N Capacity 6 mm Ø Capacity
UT1198384	"Bollard" Fiber Grips, 1 kN Capacity 6 mm Ø Capacity
UT1198385	"Bollard" Fiber Grips, 10 kN Capacity 6 mm Ø Capacity
UT1198386	"Bollard" Fiber Grips, 50 kN Capacity 6 mm Ø Capacity

ACCESSORIES: Pneumatic "Thread" (Fiber) Test Specimen Grips	
PART NUMBER	DESCRIPTION
UT1198390	Pneumatic Single Thread Grips, 100 N Capacity, 2 mm Ø Capacity
UT1198391	Pneumatic Single Thread Grips, 1 kN Capacity, 6 mm Ø Capacity
UT1198392	Pneumatic Single Thread Grips, 2 kN Capacity, 6 mm Ø Capacity
ACCESSORIES: Miscellaneous Attachments	
PART NUMBER	DESCRIPTION
UT1198400	Compression Attachment, 120 mm Ø
UT1198410	Shear Test Attachment, 5–20 mm Ø
UT1198420	Model EE–2 Electronic Extensometer
UT1198430	Bending Table, 2.5 kN Capacity
UT1198431	Bending Table, 5 kN Capacity
UT1198432	Bending Table, 10 kN Capacity
UT1198433	Bending Table, 50 kN Capacity
F9500 Series Software Package Options	

 An Optional RS–232C Serial port is available for the F9700 and F9400 Series, allowing communications with a PC and the employment of the optional TekWare Software Packages.

**TekWare RT02 Rubber/Textile Evaluation Package:**

- Ultimate Tensile Strength;
- % Elongation;
- Modulus Data, Load/Stress or Elongation/Strain;
- Tenacity, Grams/Denier.

**TekWare SB02 Compression/Shear/Bending Analysis:**

- Compressive Strength;
- % Deflection;
- Bending Stress;
- Modulus of Elasticity (3 & 4 point bending);
- Shear Stress.

**TekWare TT02 Torsional Test Analysis:**

- Torsional Stress;
- Modulus of Rigidity;
- Maximum Twist.

**TekWare SE02 Statistical Analysis for RT02, SB02 or TT02:**

- Mean and Standard Deviation;
- Frequency Distribution with histograms;
- Mode & Median;
- Skewness Curve with Boolean and Pearsons coefficients, 1st, 2nd and 3rd quartiles. The TekWare SE02 is an 'add–on' package.

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