

Textile & Fabric Testing Machine

紡織測試



Textile Test Machine

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QC-506D1 / M1F / M2F

Universal Testing Machine
萬能材料試驗機

Type	D1	M1F	M2F
Max. Capacity	20kN		
Force Resolution	23 bits	31 bits	
Force Precision	1/10,000	1/100,000	
Stroke resolution	0.00125 mm	0.0001 mm	
Test stroke (w/o grip)	800 mm / 1200 (lengthened)		
Space between columns	425 mm(500mm · 680mm · 800mm Optional)		
Max. Speed	650 mm/min	830 mm/min	
Data sampling rate	Max. 1200Hz	Max. 400Hz	Max. 1200Hz
Speed accuracy	-	-	High speed mode: 0.05~830 mm/min Low speed mode: 0.0002~3 mm/min
Motor Type	DC Motor	Servo Motor	
Dimension	80 x 60 x 150 cm	95 x 58 x 151 cm 95 x 58 x 190 cm (lengthened)	



QC-508D1 / M1F / M2F

Universal Testing Machine
萬能材料試驗機

Type	D1	M1F	M2F
Max. Capacity		5kN	
Force Resolution	23 bits		31 bits
Force Precision	1/10,000		1/100,000
Stroke resolution	0.0002 mm		0.0001 mm
Test stroke(w/o grip)		800 mm	
Cantilever distance		70 mm	
Max. Speed	600 mm/min	1000 mm/min	
Data sampling rate	Max. 1200Hz	Max. 400Hz	Max. 1200Hz
Speed accuracy	-	-	High speed mode: 0.05~1000 mm/min Low speed mode: 0.0002~4 mm/min
Motor Type	DC Motor	Servo Motor	
Dimension	50 x 52 x 145 cm	50 x 38 x 47 cm	



GF-300

Scales
天平

Weighing range	0~310g
Minimum weighing value	0.001g
Weighting pan	Ø128mm
Dimension	44 x 32 x 27 cm

QC-305

Spray Tester
沾水度試驗機

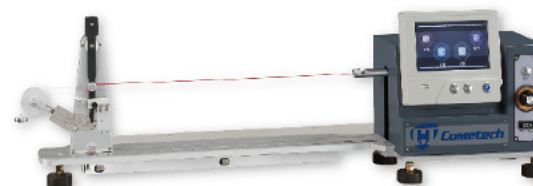
Sample size	18 x 18 cm
Sample ring	Ø150 mm
Tilting angle	45°
Spray distance	6"
Water volume	250ml, Spray time : 25~30s
Dimension	30 x 30 x 65 cm



QC-301

Manual Wrap Reel
手動紗支測長機

Reel winding number	4
Rotate speed	Manual control 1 meter/turn or 1.5 yard/turn
Circumference	0~9,999 times Read circles directly
Counter	NA
Power	NA
Dimension	80 x 43 x 65 cm



QC-309D

Motor Twist Counter for Yarn
電動撚度測定機

Speed	50 ~ 1500 RPM, Adjustable
Direction	S or Z switchable 5~52cm
Specimen Size	[Max. Distance of common use 10"(25.4cm) and 20"(50.8cm) or indicated.]
Dimension	97 X 20 X 32 cm



QC-302A

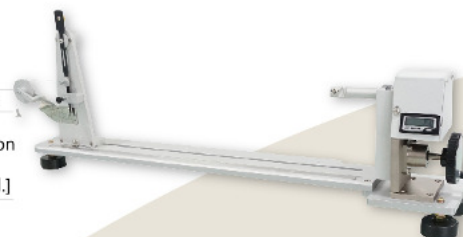
Motor Wrap Reel
電動紗支測長機

Reel winding number	6
Rotate speed	30~300 r/min
Circumference	1000±0.5 mm
Counter	5~9,999 times
Power	AC 220V
Dimension	75 x 68 x 50 cm

QC-309E

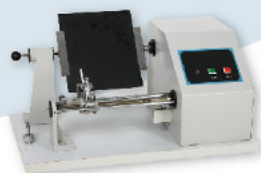
Manual Twist Counter for Yarn
手動撚度測定機

Speed	Manual control
Direction	Manual control S or Z 5~52cm
Specimen Size	[Max. Distance of common use 10"(25.4cm) and 20"(50.8cm) or indicated.]
Dimension	81 X 14 X 32 cm



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QC-312Y

Yarn Inspection/Examining Machine/Even tester
黑板機

Show board size	300 × 225 mm 250 × 220 mm
Reeling density	35, 45, 55, 65 / cm 7, 9, 13, 15, 19 / cm
Dimension	62 x 37 x 34 mm



QC-321

Stiffness Tester
軟硬度試驗機

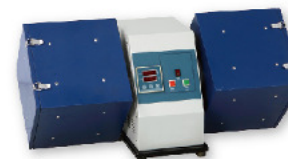
Suspension	12 inch
Suspension bar	1/8 inch width, 3/4 inch length
Specimen size	1 inch width, 10 inch length
Tape size	1/2 width
Dimension	31 x 20 x 42 cm



QC-325A(8)

Pilling tester
箱式起球機

Model	QC-625A	QC-325B
Internal space of each box	23 × 23 × 23 cm	
Testing speed	60rpm	
Box numbers	2	4
Specimen Size	10 × 12 cm, 4 pcs (longitude, latitude, each 2pcs)	



QC-337

Elmendorf Tearing Strength Tester
撕裂強度試驗機

Specimen size	63.5 × 100mm
Capacity	0~3200g / 0~6400g (Capacity changeable) with counterweight
Dimension	47 x 25 x 38 cm



QC-317A

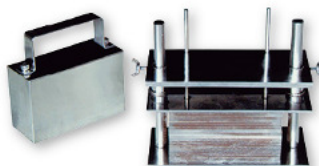
Water Penetration Tester
耐水度試驗機

Pressing area	4.5inch (about 114mm)
Water pressure	0~1800mmH ₂ O
Specimen size	8 inch x 8inch (about 20cm)
Pressure speed	5~30mmH ₂ O/sec (adjustable)
Dimension	65 x 70 x 260 cm

QC-315

Perspiration Tester
耐汗試驗機

Hard plastic board	115 x 63 x 3 mm, 21 pcs
Weight sets	10LB
Support frame	Whole set is made by stainless steel
Dimension	20 x 8 x 20 cm



QC-317F

Water Penetration Tester
電子式耐水度試驗機

Test range	0.05 ~ 4.5kgf/cm ² (500~45000mmH ₂ O)
Pressurization rate	0.05 ~ 4.5kgf/cm ² /min
Gripping ring	Ø11.28cm (100cm ²)
Gripping force	Reach 1500kg



QC-341

Martindale Abrasion Tester
馬丁戴爾測試機

Workstation	6 pcs
Test times	1~99999
Sample work diameter	Ø28.65 mm
Relative motion speed	50 r/min
Dimension	72 x 50 x 42 mm



QC-317M(N)

Portable Type Water Penetration Tester
手提式耐水度試驗機

Model	QC-317M	QC-317N
Test area	9.4cm	
Pressure range	Switchable 0-2000mmH ₂ O (0.2 kg/cm ²) 0-10000mmH ₂ O (1.0 kg/cm ²)	0-10000mmH ₂ O (1.0 kg/cm ²)
Sample size	12 × 12 cm	
Gripping method	Manual	
Dimension	35 x 20 x 32 cm	

QC-116

Digital Bursting Strength Tester
破裂強度試驗機

Model	Textile
Test speed	94±4 ml/min <JIS L1096>
Upper plate(mm)	30.5±0.05
Lower plate(mm)	30.5±0.05
Dimension	53 × 33 × 58 cm



QC-319

Dyeing Rubbing Tester
摩擦堅牢度試驗機

Sample size	22 x 3 cm
White cloth size	5 x 5 cm
Rubbing speed	30 CPM
Rubbing distance	120 mm
Dimension	45 x 65 x 35 cm



QC-701A

Super Daylight
標準多光源對色箱

Inner chamber	67 x 37 x 35 cm				
Light source	D65	TL84	CWF	A	UV
Timer	5 Sets For record the using of each light				
Dimension	72 x 42 x 58 cm				

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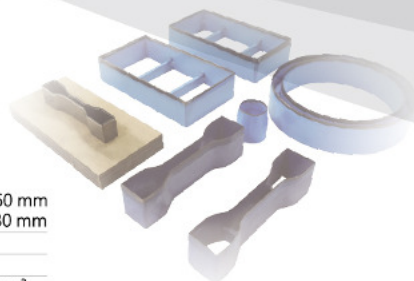


QC-603C

Air Hydraulic Specimen Punch

空油壓試片裁切機

Compression platen size	Upper platen 350 x 160 mm
Stroke	Lower platen 350 x 180 mm
Output force	20mm
Power supply	3000 kg
Dimension	Pneumatic: 3~6 kg/cm ²
	40 x 38 x 107 cm



QC-605M/L

Drying Oven

烘箱

Model	QC-605M	QC-605L
Temperature	40°C~200°C	
Control method	Electric digital temperature controller	
Temperature accuracy	Temperature-calculate controller±0.3°C	
Inner size	45×40×45cm	50×50×60cm
External size	74×64×118cm	100×70×115cm

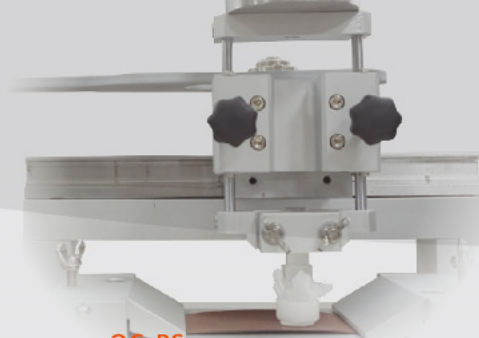


QC-SM

Thickness Gauge

厚度計

Model	Reading (mm)	Depth (mm)	Load (N)
ASM-112	0.01~10.0	26	2.5
ASM-114	0.01~10.0	120	2.5
ASM-150	0.01~10.0	400	2.5
ASM-1201	0.001~1.00	30	1.5

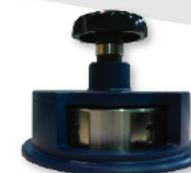


QC-PS

Cutters for Circular Sample

圓形樣品切割器

Sample area	100 cm ²
Sample diameter	Ø113 mm
Cutting thickness	Around 5 mm
Dimension	17 x 17 x 13 mm

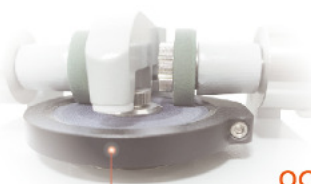


QC-343

Fully automatic air permeability instrument

全自動透氣量儀

Test specification	0.2~11838 mm/s
Testing time	10~15sec
Test precision	±2%
Test pressure	0 ~ 300 Pa
Dimension	47 x 90 x 100 mm



QC-619K

TABER Abrasion Tester

磨耗試驗機

Disk rotary Speed	1~100 rpm, adjustable (Factory setting 60RPM)
Specimen size	Diameter: Ø110mm, Center hole Ø7.5mm, Thickness: 1 ~ 6mm, soft and rigid material are all available
Counter	Digital display, 1-99,999,999 with auto-stop
Dimension	55 x 38 x 47 cm

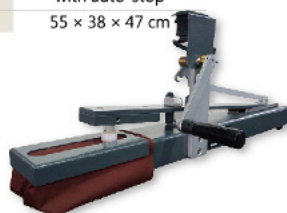


QC-621A

Manual Crock Meter

手動摩擦色牢度試驗機

Abrasion load	900 g
Abrasion head diameter	Ø16 mm
Abrasion distance	10±0.7 cm
Counter	LCD display, attach with zero key
Dimension	60 x 28 x 24 cm



QC-347

Snap Button Pull Test Machine

鈕扣拉力測試機

Range	75mm
Accuracy	0.3% FS
Dimension	27 x 23 x 78 mm



QC-345

Zipper reciprocating fatigue test machine

拉鍊往復測試機

Reciprocating travel	75mm
Distance of two clamping device	6.35mm
open angle of the test piece	30°
pen angle of the test piece	999999
Dimension	28 x 55 x 66 cm

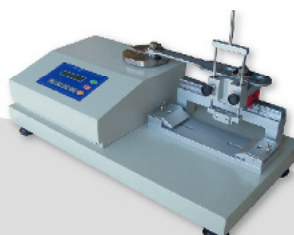


QC-621

Electronic Crock meter

電動脫色試驗機

Abrasion load	900 g
Abrasion head diameter	Ø16 mm
Abrasion distance	10±0.7 cm
Test head speed	60 CPM
Dimension	65 x 25 x 25 cm



QC-621H

Surface Hardness Abrasion Tester

表面硬度磨耗機

Abrasion distance	10 ~ 100 mm
Abrasion head	a. Ø6.35 mm sand paper abrasion head grip b. Ø16 mm cotton abrasion head c. Ø16 mm steel wool abrasion head
Sample Size	Width 20 ~ 200 mm, thickness max. 50 mm
Control panel	1 ~ 120 CPM
Dimension	1 ~ 99,999,999 times 70 x 35 x 40 cm



QC-349

Weatherproof tester for fabric

雨淋測試儀

Water column adjustable values	0.6m, 0.9m, 1.2m, 1.5m, 1.8m, 2.1m, 2.4m
Dimension	13, Ø0.99 + 0.013 mm
Dimension	65 x 80 x 270 cm



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