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F012 Single Fiber Strength Tester

Universal Testing Machine H1KS special version for low force/extension single fiber testing. Fitted with special 10n/1000gf loadcell and lightweight pneumatic grips with actuator. Speed 0.001 to 1000mm/min. Extension resolution 0.001 mm. 5mm to 400mm stroke. Onboard processor and display included, a dedicated printer can also be provided. Tension clips for loading and pretensioning, 1 set provided (separate order), 20, 50, 100, 300 and 500mg. Please see our Tinius Olsen Section Pages 88-106 for information on other grips/accessories for this device.

Effective travel, less grips and load cell, is 185mm. Other models with longer travel and higher capacity are available.

WEIGHT	25 kg	55 lb	
DIMENSIONS	Width	Depth	Height
	360 mm	360 mm	820 mm
	14 inch	14 inch	32 inch
STANDARDS	150 5079	BS 3411	BISFA
ORDERING Info.	F012	Single Fiber Strength T	ester
	200982	Tension Clips (Set)	
	300699	HP1320 Laser Jet Printer (s	necial configuration)



F025A

Microscopy Cross Section Kit

Contains all the equipment and consum-ables used in making fiber and yarn cross sections by the plate and modified cork methods recommended by AATCC.

WEIGHT	1 kg	2.2 lb	
DIMENSIONS	Width	Depth	Height
	200 mm	150 mm	100 mm
	8 inch	6 inch	4 inch
STANDARDS	AATCC 20		
ORDERING Info.	202159	Microscopy Cross Sect	ion Kit
	202758	Dissecting/Pick Counting with Handle (Pack of 1	



F102/A Lint and Trash Analyzer MK2

Lint and Trash Analyzer Mk2 (Cotton Model). To determine lint, trash and dust content within a sample of cotton fiber upto 100 grams. Also used to determine non-fiber content of synthetic fibers and to open and clean fibers for further testing. The analyser uses the carding principle with air separation of lint and non lint content.

Lint and Trash Analyzer Mk2 (Wool Model). To determine vegetable and other foreign matter content in raw wool, wool tops and waste and preparation of samples for fineness testing. Also suitable for determining the yield of high value fibers such as cashmere and angora, as well as determining non fiber content of long staple synthetic fibers.

WEIGHT	100 kg	220 lb		
DIMENSIONS	Width 750 mm 30 inch	Depth 1000 n 40 incl	nm	Height 600 mm 24 inch
STANDARDS	ITMF			
ORDERING Info.	202586	Lint and Trash Ana	lyzer (Co	tton Model)
	200770	Lint and Trash Ana	lyzer (Wo	ool Model)



F214

Precision Fiber Microtome

To produce fiber cross sections for microscopic examination, measurement and identification.

WEIGHT	3 kg	6.6 lb	
DIMENSIONS	Width	Depth	Height
	75 mm	150 mm	100 mm
	3 inch	6 inch	4 inch
STANDARDS	150 137	BS 2043	ASTM D2130
	IWSTM 24	GB 10685	
ORDERING Info.	105217 Pre	ision Fiber Microto	ome



F215 Pressley Fiber Bundle Strength Tester

To determine the tensile strength of natural fibers. Include 1 pair clamps and spacer, torque vice and wrench, cutter, comb and tweezers. A 5mg \times 0.01mg capacity balance is required but not included.

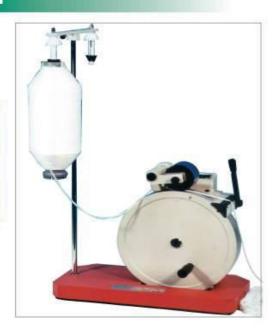
WEIGHT	3.2 kg		7 lb	
DIMENSIONS	Width		Depth	Height
	330 mm		100 mm	125 mm
	13 inch		4 inch	5 inch
STANDARDS	150 306	0	BS 5116	ASTM D 1445/2524
ORDERING Info.	104008	Pressley	Fiber Bundle St	rength Tester
	300123	Torsion	Balance 5mg	
	104009	Clamps & Spacer (1 Pair)		
	104010		Clamp Facings	



F216A Sliver and Roving Reel

Hand operated to determine the linear density (count) of slivers and rovings. Fitted with roving bobbin stand, prede-termined counter and precision cutter. Specify 1 metre or 1 yard circumference.

WEIGHT	20 kg	45 lb	
DIMENSIONS	Width	Depth	Height
	280 mm	430 mm	600 mm
	11 inch	17 inch	24 inch
ORDERING Info.	300059	Sliver and Roving Reel	Meter
	300060	Sliver and Roving Reel	Yard



F217A/B/C Rapid Oil Extraction Apparatus

To determine the oil or finish content of wool or synthetic samples by solvent percolation and evaporation. Suitable for fiber, yarn or fabric. Available with 1, 2 or 3 extraction units. Complies with Edana method ERT 155(needs \$217014 large extraction tube fully complaint). Full title of new method is:DETERMINATION OF ACETONE EXTRACT -TABLE FINISH ON NONWOVENS.

(Model A)	4.4 kg		9.7 lb	
DIMENSIONS	Width		Depth	Height
(Model A)	170 mm		170 mm	380 mm
	7 inch		7 inch	15 inch
STANDARDS	Edana method	ERT 155		
ORDERING Info.	105265	Rapid O	il Extraction Ap	paratus Single
	105266	Rapid O	il Extraction Ap	paratus Double
	105267	Rapid o	il Extraction Ap	paratus Triple
	105268		idue Trays (Pacl	



F256A Moisture Regain Oven

To determine the moisture content and regain percentage of textile materials. Drying is performed by circulation of warm air electrically heated regulated by an electronic temperature controller. The material to be tested is dried within a metal container suspended from an electronic balance. Two successive weights of the same value determine the point which moisture content can be calculated.

WEIGHT	90 kg	98 lb	
DIMENSIONS	Width	Depth	Height
	650 mm	500 mm	750 mm
	26 inch	20 inch	30 inch
STANDARDS	ISO 6741	85 4784	ASTM D2654
ORDERING Info.	300064 Mo	isture Regain Oven	

