

Tap Density Tester



ETD-1020x

Features:

- Complies with USP and ASTM specifications
- Supports USP 1 & USP 2 and ASTM test methods
- Simultaneous rotating and tapping motion assures evenly packed surface
- 24 x 2 character LCD
- Online validation of strokes/min.
- Calculation and printout of tests like tapped density compressibility index and Hausner ratio
- Supports 10ml, 100ml and 250 ml cylinders
- Printer port for printing test results with validation report as per cGMP standards
- Date & Time lock facility available.

Specifications:

Model	ETD-1020x
No. of Station	2
Stroke Height	14 mm \pm 1 mm 300 strokes / minute 3 mm \pm 0.2 mm 250 strokes / minute
Serial port	For printer
Power Supply	220/230 V AC, 50/60 Hz, 44 VA
No. of taps	1-9999
Display	24 x 2 character LCD
Dimensions (L x W x H)	360 x 320 x 200 mm

Ordering Information:

Products		
Product code	Description	Quantity
0320600	ETD-1020x (Body made of M.S.) -230V	1
0340600	ETD-1020x (Body made of S.S.) -230V	1
0310600	ETD-1020x (Body made of M.S.) -110V	1
0330600	ETD-1020x (Body made of S.S.) -110V	1

Standard accessories		
Part number	Description	Quantity
0301A00004	Measuring cylinder 250 ml class 'B'	1
0301A00002	Measuring cylinder 100 ml class 'B'	1
0301A00018	ETD-1020 cylinder holder for 250ml measuring cylinder	1
0301A00017	ETD-1020 cylinder holder for 100ml measuring cylinder	1

Optional accessories		
Part Number	Description	Quantity
0301A00024	ETD-1020 Acrylic sheet of acoustic cabinet door	1
0301A00030	ETD-1020 Measuring Cylinder 10 ml Class "A" with Certificate and Adapter	1
0301A00033	ETD-1020 Measuring Cylinder 25 ml Class "B" without Certificate and Adapter	1
0301A00032	ETD-1020 Measuring Cylinder 25 ml Class "A" with Certificate and Adapter	1
0301A00031	ETD-1020 Measuring Cylinder 10 ml Class "B" without Certificate and Adapter	1
0301A00029	ETD-1020 Measuring Cylinder 50 ml Class "B" without Certificate and Adapter	1
0301A00028	ETD-1020 Measuring Cylinder 50 ml Class "A" with Certificate and Adapter	1
0301A00019	ETD-1020 Latch Assembly for Cylinder Holder Black	1
0301A00013	ETD-1020 Adapter for 25 ml Measuring Cylinder	1
0301A00010	ETD-1020 Measuring Cylinder 25 ml Class "B" Without Certificate	1
0301A00009	ETD-1020 Measuring Cylinder 25 ml Class "A" with Certificate	1
0301A00014	ETD-1020x Acoustic Cabinet	1
0104A00785	Connexion +	1

Breakdown part		
Part number	Description	Quantity
0301B00050	ETD-1020X Motor Driver Card SMD (PCB 1808004. Ver.2)	1
0301B00054	ETD-1020x Driver Card New	1
0301B00053	ETD-1020x Processor Card New(SMD)	1

Assurance Plan		
Part number	Description	Quantity
0306S03	Silver Assurance Plan for Tap Density Tester Model ETD-1020X	1
0306S01	Platinum Assurance Plan for Tap Density Tester Model ETD-1020X	1
0306S02	Gold Assurance Plan for Tap Density Tester Model ETD-1020X	1
0306S20	Bronze Assurance Plan for Tap Density Tester Model ETD-1020X	1

IQ/OQ Document		
Part number	Description	Quantity
0306S15-A	IQ/OQ Document for Tap Density Tester Model ETD-1020x	1
Dismantling Charges		
Part number	Description	Quantity
0306S12	Dismantling Charges for Tap Density Tester Model ETD-1020x	1
Reinstallation Charges		
Part number	Description	Quantity
0306S11	Reinstallation Charges with IQ/OQ Document for Tap Density Tester Model ETD-1020x	1
Inspection Charges & SERVICE		
Part number	Description	Quantity
0306S06-A	Inspection & Service Charges for Tap Density Tester Model ETD-1020x	1
Upgradation Charges		
Part number	Description	Quantity
0306S13	Upgradation Charges for Tap Density Tester Model ETD-1020x	1
Single Validation Charges		
Part number	Description	Quantity
0306S08	Single Validation Charges for Tap Density Tester Model ETD-1020x	1
Data Integrity Solution		
Part number	Description	Quantity
1542500	Kludface Backup Model EKF-23	1



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