ITM 300 + Technical Data

The ITM 300 is a drawing bench designed for the testing of insulators. As safety comes first, insulators must meet stringent safety standards – even under extreme loads. To ensure that they meet these requirements, UNIFLEX has designed a sturdy, special drawing bench for insulator testing.

Swivelling notebook shelf

Designed for easy setup and tooling

ITM 300

Tensile test bench for composite insulator testing

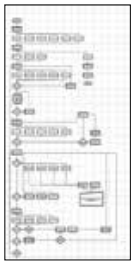
- 3 different test schedules: routine proof testing, failure load test and 96-hour time test
- Silent hydraulic screw pump
- Clamping heads with roller device
- Clamping heads with functional clevis to adapt several insulator connectors
- Buckling resistant base frame; optimized for minimal elasticity
- Modular base frame base element with 2 or 3 windows for visual control extension (optional)
- Cover opening 90° (crane loading possible)
- Height-adjustable insulator shelf

Technical data	ITM 300
Tension force (kN/t)	300/30
Piston stroke	500 mm
Force transfer	Computer-controlled servo-hydraulic
Control	Control C.2 + Touch
Noise emission	53 dBA
Max. insulator diameter	250 mm
Max. testing length with basic unit	540 mm
Additional testing length with extension element	3 000 mm (Accessory)
L x W x H test unit	3 000 x 780 x 1 670
L x W x H aggregate	1 000 x 1 200 x 1 700
Weight of test unit	1 400 kg
Weight of extension element	1 100 kg
Weight of aggregate	230 kg
Notebook shelf	Swivelling mechanism for extra space
Voltages	
ITM 300_MVA 230V-480 V, 50/60 Hz 3 Ph	other ratings available on request

Insulator table with adjustable height
Easy tooling for increased productivity
Requires minimal maintenance
Ergonomic design
Easy tooling for increased productivity
Low-noise hydraulic pump for stress-free working
Insulator table with adjustable height
Siemens industrial colour touch panel
Clear visual display
Large product memory
Programmable product sequences
Network connection
USB interfaces
Safety
CE compliant
Makrolon® safety inspection panel
Safety unit with protective switch/EMERGENCY-STOP device

We reserve the right to make technical changes without notice. Options are machine parts that can only be ordered while buying the machine.

Control C.2: Accessories


Customized software

UTS/UDL
Data transfer

807.2
Screen protector

Barcode scanner

Accessories ITM 300

888.074
Network printer

BCR CtrlC
Barcode scanner

701.2200 Extension element 3000 mm

701.050, 701.051, 701.052, 701.053
Fork head connector with bolts (insulators)