

ITM 300 + Technical Data



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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

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

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

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

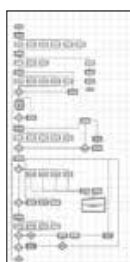
Safety

- CE compliant
- Makrolon® safety inspection panel
- Safety unit with protective switch/EMERGENCY-STOP device



Control C.2: Accessories

Accessories ITM 300



Customized software



UTS/UDL
Data transfer



807.2
Screen protector



Barcode scanner



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)

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