TENSOR CHECK PROFILE - PC

可编程电子测功机，用于高达 20kN 的牵引力和压缩力测试。

参考标准: AFERA 4015; AFERA 5001; AFERA 5004; ASTM F88; ASTM B557; ASTM D412; ASTM D429; ASTM D575; ASTM D624; ASTM D638; ASTM D751; ASTM D790; ASTM D882; ASTM F152; ASTM D1056; ASTM D1414; ASTM D1456; ASTM D1894; ASTM D2412; ASTM D3574; ASTM D3575; ASTM D3577; ASTM D4776; ASTM D4894; ASTM D6746; ATE N_553_59_25; DIN 53_291; DIN_VDE 0472-613; EN 1372; EN 1939; EN 12228; EN 12431; EN 13618; EN 455-2; EN 681-1; EN 10257-1; EN 60811-1-1; FIAT 50409; FIAT 9.02136/01; GFT 6004; ICEA T-27-581; IEC 60811_1_1 ; ISO 36; ISO 37; ISO 178; ISO 604; ISO 813; ISO 814; ISO 1421; ISO 1798; ISO 1827; ISO 2411; ISO 34-1; ISO 4587; ISO 5600; ISO 5893; ISO 6133; ISO 6914; ISO 7743; ISO 8033; ISO 8295; ISO 9026; ISO 10319; ISO 11339; ISO 12046; ISO 12236; ISO 15113; ISO 29862; ISO 527-1; ISO 527-2; ISO 527-3; ISO 527-4; ISO 527-5; ISO 3384-1; ISO 3386-1; ISO 3386-2; ISO 6259-3; ISO 6916-1; ISO 6916-2; JIS K_6330-6; NEMA WC_53-2008; PSA D41 1315; PSTC 16; PV 3410; PV 3973; VDA 675-205;

注意：遵守某些标准可能需要可选的附件或设置。

gibitre® INSTRUMENTS

拉力试验机是一个可完全编程的拉力试验系统，具有双螺杆结构，用于不超过20kN的牵引和压缩测试，允许进行牵引、压缩、磁滞、剥离、弯曲和剪切测试。

适用装置

- 机械伸长计：准确度0.01毫米
- 微型伸长计：分辨率0.0001毫米
- 与软件集成的测厚仪，用于直接获取样品厚度
- 配有冷式冰箱（-40至250 °C）和内部伸长计的环境室
- 用于牵引、压缩、剥离、摩擦、弯曲、O形环牵引、粘合等的各种气动和手动夹具。

软件

该仪器提供有TensorCheck_9和Datagest_10软件的完全许可。

特点：

- 各种预装测试程序符合国际标准
- 逐步向导程序，用于编写完全定制测试方法
- 从测厚仪中采集数据以及样品横截面的自动计算。
- 环境室热循环的直接控制
- 公差限制和统计分析的结果比较
- 数据和曲线存储在标准Gibitre SQL数据库中。

Structure: 2-column structure for application of forces up to 20 kN
Load Transducers: Mode: traction and compression; Base Scale: up to 20 kN; Accuracy: Class 05 (ISO 7500-1) from 1% of Scale Base ; Resolution: Scale Base/50000.; Automatic detection of the cell installed
Crosshead displacement: Reading Resolution: 0.0025 mm; Speed: 0.2 to 1000 mm/min; Stroke: 1244 mm (without grips)
Mechanical differential Extensometer: • Accuracy: ISO 5893 - Class E; • Resolution: 0.01 mm; • Distance between terminals can be set with calibrated spacers (10, 20, 25, 50 mm); • Total stroke 900 mm
Micro-Extensometer: • 0.1 Micron resolution; • Distance between terminals: 50mm (other optional); • Stroke: 2mm; • Max specimen thickness 10mm
Thickness meter for direct sample thickness acquisition: Compliant with standards: ISO 23529 and ASTM D3767; Resolution: 0.001mm ; Applied force: between 0.2N and 0.5N; Tips: flat Ø 5 or 7 mm, Spherical Ø 3mm
Temperature (with environmental chamber): between -40°C and +250°C
Cooling for enviromental chamber (option): Refrigeration Unit
Personal Computer (optional): Minimum Setup: Windows 10/11, Intel Core i3, 5GB RAM