

Product Range 03/2008

Thermal conductivity measuring Instruments

Thermal conductivity measuring instruments under heat flow meter method according ISO 8301, ASTM C 518, ASTM E 1530, DIN 52616, DIN EN 1946-3, EN 12667, EN 12939



TCA 300 DT(X)

Desktop device for universal use in quality control, suitable for polymers, rubbers, insulation materials, light-weight concrete
 Measuring area: 100x100 – 300x300 mm (10 – 80 mm thick)
 Measuring range (λ): 0,01 – 1,0 W/mK
 Model DTX "stand alone" - device with integrated PC and touchscreen



TCA 500 PG(X)

Standing device for universal use in quality control, suitable for polymers, insulation materials, light-weight concrete
 Measuring area: 200x200 – 500x500 mm (20 – 200 mm thick)
 Measuring range (λ): 0,01 – 0,5 W/mK
 Model DTX "stand alone" - device with integrated PC and touchscreen



TCA 750 PG(X)

Standing device for universal use in quality control, suitable for polymers, insulation materials, light-weight concrete
 Measuring area: 300x300 – 750x750 mm (20 – 300 mm thick)
 Measuring range (λ): 0,01 – 0,5 W/mK
 Model DTX "stand alone" - device with integrated PC and touchscreen

Thermal conductivity measuring instruments under guarded hot plate method according ISO 8302, ASTM C 177, DIN 52612, DIN EN 1946-2, EN 12667, EN 12939



TLP 300 DT(X)

Desktop device for universal use in research and quality control, suitable for plastics, rubber, glass, insulation materials, construction materials
 Measuring area: 100x100 – 300x300 mm (10 – 80 mm thick)
 Measuring range (λ): 0,01 – 2,0 W/mK
 Model DTX "stand alone" - device with integrated PC and touchscreen



TLP 500 PG(X)

Standing device for universal use in research and quality control, suitable for plastics, insulation materials, construction materials
 Measuring area: 200x200 – 500x500 mm (20 – 200 mm thick)
 Measuring range (λ): 0,01 – 0,5 W/mK
 Model DTX "stand alone" - device with integrated PC and touchscreen



TLP 750 PG(X)

Standing device for universal use in research and quality control, suitable for polymers, insulation materials, light-weight concrete
 Measuring area: 300x300 – 750x750 mm (20 – 300 mm thick)
 Measuring range (λ): 0,01 – 0,5 W/mK
 Model DTX "stand alone" - device with integrated PC and touchscreen



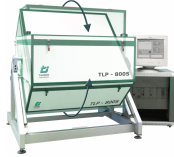
TLP 900H

Standing device for use in research and quality control, suitable for insulation materials, light-weight concrete
 Measuring area: 500x500 – 900x900 mm (20 – 200 mm thick)
 Measuring range (λ): 0,01 – 0,5 W/mK



TLP 900Z

Standing device for universal use in research and quality control, suitable for bricks, insulation materials, light-weight concrete
Measuring area: 500x500 – 900x900 mm (20- 360 mm thick)
Measuring range (λ): 0,01 – 1,0 W/mK



TLP 800S

Standing device with swivelling insulated measuring chamber for use in research and quality control, suitable for insulating glass, insulation materials, light-weight concrete
Measuring area: 500x500 – 800x800 mm (20- 120 mm thick)
Measuring range (λ): 0,01 – 1,0 W/mK



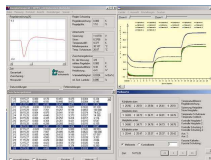
TLP 900ZS

Standing device with swivelling insulated measuring chamber for use in research and quality control, suitable for bricks, insulation materials, light-weight concrete
Measuring area: 500 x 500 – 800 x 800 mm (40- 380 mm thick)
Measuring range (λ): 0,01 – 1,0 W/mK



TLP 500HT

Standing device for universal use up to 400 °C in research and quality control, suitable for insulation materials, light-weight concrete
Measuring area: 250x250 – 500x500 mm (20- 100 mm thick)
Measuring range (λ): 0,01 – 1,5 W/mK



Lambda 2007

Software package for control, measurement recording and analysis of plate apparatus according ISO 8302, ASTM C177, DIN 52612, DIN EN 1946-2, guarded hot plate method and ISO 8301, ASTM C518, DIN 52616, DIN EN 1946-3, EN 12664, EN 12667, EN 12939, heat flow meter method, to run under Windows® XPP / Vista

Difference heat transfer measuring system under heat flow meter method according DIN EN 1934



TDW 4040

Measuring chamber with cold section, hot section and test wall for use in research and quality control, suitable for building materials (brick wall)
Measuring area: 150x150 – 200x200 cm (16- 50 cm thick)
Measuring range (R): 0,3 – 10,0 m²·K/W

Difference heat transfer measuring system under regulated hotbox method according ISO DIS 12567 and EN 12412-2



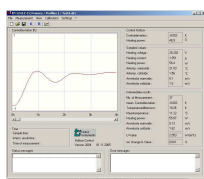
TDW 4140

Measuring chamber with cold section, hot section, hotbox and test wall for use in research and quality control, suitable for doors and windows
Measuring area: 148x123 / 200x100cm (max. 16cm thick)
Measuring range (R): 0,3 – 5,0 m²·K/W



TDW 4240

Measuring chamber with cold section, hot section, hotbox and test wall for use in research and quality control, suitable for doors, windows and building materials
Measuring area: 148x123 / 200x100cm / 200x200cm (max. 50cm thick)
Measuring range (R): 0,3 – 10,0 m²·K/W



Hotbox 2007

Software package for the control, recording and analysis of measurements according ISO DIS 12567, DIN EN 12412, DIN 52619, procedure with guarded Hotbox and DIN EN 1934, procedure with heat flow meter, to run under Windows® XPP / Vista