



Measured Value	Method/Apparatus	Temperature °C	Material/Sample Size in mm/ml	Additional Information	Contact	Institute	e-mail	WWW
specific heat	DSC - dynamic scanning calorimetry	100 ... 1600	solids, melts Ø: 4.9 l: 16		Dr. Rhena Wulf	TU Bergakademie Freiberg	Rhena.Wulf@iwtt.tu-freiberg.de	www.tu-freiberg.de
specific heat	DSC - dynamic scanning calorimetry	-160 ... 1600	solids, powders, pastes, melts Ø: <5 h: ~ 1		Dr. Wolfgang Hohenauer	Austrian Institute of Technology	wolfgang.hohenauer@ait.at	www.ait.at
specific heat	DSC - dynamic scanning calorimetry	RT ... 1500	solids, melts, liquids Ø: < 5 h: < 1		Frank Hemberger	ZAE Bayern	frank.hemberger@zae-bayern.de	www.zae-bayern.de
specific heat	DSC - dynamic scanning calorimetry	-90 ... 500	solids, melts, liquids Ø: < 4.5 h: < 1	temperature modulated dynamic scanning calorimetry - MDSC	Frank Hemberger	ZAE Bayern	frank.hemberger@zae-bayern.de	www.zae-bayern.de
specific heat	DSC - dynamic scanning calorimetry	RT ... 1200	solids, melts Ø: 6 thickness: 0.5 ... 2		Dr. Erhard Kaschnitz	Österreichisches Gießerei-Institut	erhard.kaschnitz@ogi.at	www.ogi.at
specific heat	DSC 7 - pc dynamic scanning calorimetry	-20 ... 550	solids, powders, melts, liquids, pastes Ø: 5 h: < 2		Dr. Tim Gestrich	Fraunhofer IKTS Dresden	Tim.Gestrich@ikts.fraunhofer.de	www.ikts.fraunhofer.de
specific heat	heat flow dynamic scanning calorimetry DSC 404, DSC 404C, DSC 404F1	-160 ... 1600	solids, powders, melts, liquids, pastes Ø: 5 h: < 2	temperature modulated dynamic scanning calorimetry - MDSC	Dr. Tim Gestrich	Fraunhofer IKTS Dresden	Tim.Gestrich@ikts.fraunhofer.de	www.ikts.fraunhofer.de
specific heat	DSC - dynamic scanning calorimetry	100 ... 1450	solids, melts, powders Ø: 5 thickness: 1	atmosphere: air, inert gas, vacuum	Dr. Ewald Pfaff	IWM RWTH Aachen	e.pfaff@iwm.rwth-aachen.de	www.iwm.rwth-aachen.de
specific heat	transient hot bridge	-70 ... 220	solids, powders, pastes, fibres	solids: two sample halves, multiple sizes	Dr. Ulf Hammerschmidt	PTB Braunschweig		www.ptb.de
specific heat	DSC - dynamic scanning calorimetry	RT ... 1500	solids, melts, liquids Ø: < 5 thickness: < 1	various atmospheres	Jan König	Fraunhofer IPM	jan.koenig@ipm.fraunhofer.de	www.ipm.fraunhofer.de
specific heat	DSC	-45 ... 90°	liquids, solids	up to 20 bar	Dr. Steffen Feja	ILK Dresden gGmbH	steffen.feja@ilkdresden.de	www.ilkdresden.de
specific heat	DSC	-180 ... 750°	liquids, solids	1 bar	Dr. Steffen Feja	ILK Dresden gGmbH	steffen.feja@ilkdresden.de	www.ilkdresden.de
specific heat	µDSC VII dynamic scanning calorimetry	-45...90	liquids, solids	pressure 0..20 bar step method	Dr. Steffen Feja	ILK Dresden gGmbH	steffen.feja@ilkdresden.de	www.ilkdresden.de
specific heat	Q 200 dynamic scanning calorimetry	-180...750	liquids, solids	pressure up to 100 bar	Dr. Steffen Feja	ILK Dresden gGmbH	steffen.feja@ilkdresden.de	www.ilkdresden.de
specific heat	e.g. heat-pulse	-265..50	solids approx. 5 x 5 x 5	vacuum conditions varying materials and/or methods possible	Dr. Matthias Schneider	ILK Dresden gGmbH	matthias.schneider@ilkdresden.d	www.ilkdresden.de
specific heat	DSC - dynamic scanning calorimetry	RT ... 1600	solids, powders, pastes, melts Ø: <5 h: < 2	various atmospheres	Dr. Dirk Helm	Fraunhofer Institut für Werkstoffmechanik IWM	dirk.helm@iwm.fraunhofer.de	www.iwm.fraunhofer.de