

NOTES D'APPLICATIONS CLASSEES PAR APPAREILS

N°	Titre	Appareil	Domaine
M102	Enthalpies of fusion and heat capacities for ice and tetrahydrofuran hydrate in the range 85 to 270 K	BT2.15	Thermodynamics
M106	Determination of the size and shape of pores : thermoporometry	BT2.15	Thermoporometry
M138	Formation of hydrocarbide gas hydrates	BT2.15	Oil-coal-energy-gas
M272	Standard, vacuum and gas circulation vessels (normal and high pressure) for the Calvet low temperature calorimeter	BT2.15	Instruments, device-accessories
M001	Gelatinization of maize semolina (30%) in water	C80	Food
M004	Long term setting of a mortar	C80	Cements & plasters
M030	Gelatinization of rice in water	C80	Food
M052	Heat of solution of steroid in methanol	C80	Biochemistry-pharmacy
M078	Starch gelatinization in pasta cooking : differential flux calorimetry investigations	C80	Food
M089	Heat of mixing of polymer alloys by heat of solution method	C80	Polymer
M090	Calorimetric study of the acidity of Y-zeolites treated with silicon tetrachloride	C80	Catalysis
M101	$\Delta_{sol}H$ of n-paraffines in supercritical CO ₂	C80	Thermodynamics
M105	Modification of a C80 Setaram calorimeter for measuring heat capacities of liquids at temperatures up to 548 K and pressures up to	C80	Thermodynamics
M115	Decomposition of DTBP (Di-Tert-Butyl Peroxide) + kinetic parameters	C80	Safety-hazards
M120	Ampoule vessel for C80 calorimeters	C80	Instruments, device-accessories
M184	Polymerization of polyurethan (polyol + polyisocyanate)	C80	Polymer
M188	Mixing cell with metallic membrane	C80	Instruments, device-accessories
M196	Hydration of two calcium sulfates (plasters and anhydrite III)	C80	Cements & plasters
M197	Hydration of plaster at different temperatures	C80	Cements & plasters
M198	Hydration of cement (C ₃ S) at different temperatures	C80	Cements & plasters
M219	Adsorption and desorption of an hydrocarbon (C ₃₂ H ₆₆) and butanol (in n-heptane) on a powdered coal	C80	Oil-coal-energy-gas
M220	Flow cell for liquid adsorption on powders	C80	Oil-coal-energy-gas
M230	Adsorption of oxygen on nickel oxide	C80	Catalysis
M231	Device of adsorption of vapor under reduced pressure	C80	Instruments, device-accessories
M232	Adsorption of water vapor on a zeolite	C80	Catalysis
M233	Adsorption of benzene on a zeolite	C80	Catalysis
M237	Standard vessels (normal and high pressures)	C80	Instruments, device-accessories
M238	Melting : hydrated ferric chloride FeCl ₃ - 6 H ₂ O	C80	Oil-coal-energy-gas
M239	Transitions : Ammonium Nitrate	C80	Ceramics
M240	Heat capacity : coal	C80	Oil-coal-energy-gas
M241	Thermal denaturation : Collagen solution	C80	Biochemistry-pharmacy
M242	Polymerisation : Epoxy resin	C80	Polymer
M243	Liquid-solid reaction : Gelation of starch in water	C80	Food
M244	Solid-solid reaction : Hydrated baryta + potassium nitrate	C80	Oil-coal-energy-gas
M245	Decomposition : sodium borohydride NaBH ₄	C80	Safety-hazards
M246	Solubility : potassium and sodium chlorides in water	C80	Ceramics
M247	Vacuum vessels (normal and high pressures)	C80	Instruments, device-accessories

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N°	Titre	Appareil	Domaine
M248	Decomposition under pressure : Coffee in argon (20 bars)	C80	Food
M249	Vapor adsorption : Benzene on a zeolite	C80	Catalysis
M250	Gas circulation vessels (normal and high pressures)	C80	Instruments, device-accessories
M251	Dehydration : hydrated salts Ba(OH) ₂ - 8H ₂ O and AlCl ₃ - 6H ₂ O	C80	Oil-coal-energy-gas
M252	Reversal mixing vessel	C80	Instruments, device-accessories
M253	Binding : carrageenan in mineral salts solutions	C80	Biochemistry-pharmacy
M254	Polymorphism detection : Active drugs (forms 1 and 2) in soda	C80	Biochemistry-pharmacy
M255	Neutralization : Edible oils by soda	C80	Food
M256	Dissolution : Potassium Chloride KCl in water	C80	Ceramics
M257	Hydration : calcium sulfates (plaster and anhydrite III) in water	C80	Cements & plasters
M258	Mixing vessel with membrane	C80	Instruments, device-accessories
M259	Organic reaction : Formol + Butanal in Soda	C80	Oil-coal-energy-gas
M260	Polymerization : Polyurethan (Polyol + Polyisocyanate)	C80	Polymer
M261	Wetting and gelation : Potato starch in water	C80	Food
M262	Liquid percolation vessel (normal and high pressure)	C80	Instruments, device-accessories
M263	Liquid adsorption : an hydrocarbon (C ₃₂ H ₆₆) and butanol (in heptane) on a powdered coal	C80	Oil-coal-energy-gas
M264	Liquid heat capacity vessel	C80	Instruments, device-accessories
M265	Thermal conductivity set-up (liquid and gas)	C80	Instruments, device-accessories
M266	Thermal conductivity : Various gases at 30°C	C80	Thermodynamics
M267	Evaporation and vapor pressure of liquids	C80	Instruments, device-accessories
M268	Vapor pressure of Toluene	C80	Oil-coal-energy-gas
M269	Mixing with mechanical stirring	C80	Instruments, device-accessories
M270	Pressure evaluation during reaction	C80	Instruments, device-accessories
M271	Flow mixing of two liquids	C80	Instruments, device-accessories
M287	Gelation of starch in water	C80	Food
M288	Wetting and gelation of potato starch in water	C80	Food
M289	Neutralization of edible oil acidity by soda	C80	Food
M290	Decomposition of coffee under argon pressure (20 bars)	C80	Food
M365	Critical temperature and pressure of hexane	C80	Thermodynamics
M375	Self discharge of lithium batteries	C80	Oil-coal-energy-gas
M150	Heat of mixing determination	Calorimètres	Instruments, device-accessories
M009	Heat capacity of AgPO ₃	Calvet DSC 111	Thermodynamics
M017	Isothermal transformation of a high speed steel	Calvet DSC 111	Metallurgy
M018	Decomposition of a supercritical NH ₄ ClO ₄ solution	Calvet DSC 111	Safety-hazards
M020	Dehydration of gypsum	Calvet DSC 111	Cements & plasters
M028	Inverse filtering of DSC curve	Calvet DSC 111	Instruments, device-accessories

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N°	Titre	Appareil	Domaine
M029	Decomposition of an aromatic nitro compound	Calvet DSC 111	Safety-hazards
M054	Analysis of pharmaceutical lubricants	Calvet DSC 111	Biochemistry-pharmacy
M055	Analysis of benzocaine	Calvet DSC 111	Biochemistry-pharmacy
M062	Melting of suppository excipient	Calvet DSC 111	Biochemistry-pharmacy
M063	Solid fat index (SFI) of suppository excipient	Calvet DSC 111	Biochemistry-pharmacy
M067	Transitions of M.B.B.A. (Methoxyde Benzimidene ButylAmine)	Calvet DSC 111	Biochemistry-pharmacy
M068	Transitions of cholesteryl myristate	Calvet DSC 111	Biochemistry-pharmacy
M080	Thermodynamic properties of strontium and barium feldspars	Calvet DSC 111	Thermodynamics
M081	Heat capacities of fluoroaniline, fluorophenol and difluorobenzene in condensed phase	Calvet DSC 111	Thermodynamics
M082	DSC study of melting and glass transition in gelatins	Calvet DSC 111	Food
M107	Pore size distribution in polymer resins	Calvet DSC 111	Thermoporometry
M181	Styrene - butadiene (7%) polymerization	Calvet DSC 111	Polymer
M182	Vulcanization of fine powdered rubber	Calvet DSC 111	Polymer
M183	Heat capacity of elastomers	Calvet DSC 111	Polymer
M190	Thermal analysis of mineral salts used in the cement industry	Calvet DSC 111	Cements & plasters
M191	Heat capacity of crude cement and clinker	Calvet DSC 111	Cements & plasters
M192	Dehydration of calcium sulfate $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ (gypsum)	Calvet DSC 111	Cements & plasters
M199	Decomposition of nitroorganic compounds at different temperatures	Calvet DSC 111	Safety-hazards
M200	Decomposition of 2,4 - dinitrotoluene at various scanning rates	Calvet DSC 111	Safety-hazards
M201	Decomposition of nitrocumene	Calvet DSC 111	Safety-hazards
M202	Decomposition of paranitroacetanilide	Calvet DSC 111	Safety-hazards
M203	Decomposition of polyacrylonitrile	Calvet DSC 111	Safety-hazards
M204	Decomposition of azobisisobutyronitrile (ABIBN) in solution in di-N-butylphthalate	Calvet DSC 111	Safety-hazards
M205	Decomposition of a peroxide in solution in cyclohexane	Calvet DSC 111	Safety-hazards
M206	Decomposition of diethylenglycol -Na diluted in diethylenglycol	Calvet DSC 111	Safety-hazards
M207	Decomposition of nitrophenol : influence of internal pressure and cell volume	Calvet DSC 111	Safety-hazards
M208	Decomposition of azodicarbonamide : influence of pressure	Calvet DSC 111	Safety-hazards
M209	Sealed high pressure crucibles	Calvet DSC 111	Instruments, device-accessories
M210	Controlled high pressure crucibles	Calvet DSC 111	Instruments, device-accessories
M211	Pressurization device for high pressure crucibles	Calvet DSC 111	Instruments, device-accessories
M212	Combustion of carbonaceous products	Calvet DSC 111	Oil-coal-energy-gas
M213	Combustion of coke with different sample masses	Calvet DSC 111	Oil-coal-energy-gas
M214	Combustion of coal	Calvet DSC 111	Oil-coal-energy-gas
M215	Pyrolysis of a coal	Calvet DSC 111	Oil-coal-energy-gas
M225	Silica reactor for gas adsorption	Calvet DSC 111	Instruments, device-accessories
M226	Gas adsorption and gas analysis (gas chromatography, mass spectrometry)	Calvet DSC 111	Catalysis
M227	Adsorption of hydrogen on a platinum (6,3 %) catalyst	Calvet DSC 111	Catalysis

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N°	Titre	Appareil	Domaine
M228	Temperature programmed desorption of a platinum catalyst	Calvet DSC 111	Catalysis
M229	Adsorption of carbon monoxide on palladium catalyst	Calvet DSC 111	Catalysis
M170	What can you determine on using a DRC	DRC	Safety-hazards
M171	Data processing	DRC	Safety-hazards
M172	Calibration by Joule effect	DRC	Safety-hazards
M173	Cp determination of product	DRC	Safety-hazards
M174	Determination of Q_{dos}	DRC	Safety-hazards
M175	Determination of the heat of reaction	DRC	Safety-hazards
M176	Dissolution of NaCl in water	DRC	Safety-hazards
M177	Dissolution of KCl in water	DRC	Safety-hazards
M178	NaOH + HCl	DRC	Safety-hazards
M179	H ₂ O ₂ + FeCl ₃	DRC	Safety-hazards
M362	Nitration of Chlorobenzene	DRC	Safety-hazards
M363	Synthesis of Polyepichlorhydrin	DRC	Safety-hazards
M364	Reaction of hydrogen peroxide on an amine in water emulsion	DRC	Safety-hazards
M366	Cristallisation and melting of mandelic acid	DRC	Safety-hazards
M376	Hydrolysis of acetic anhydride at 10°C, 25°C and 40°C	DRC	Safety-hazards
M377	Esterification of propanoic anhydride by 2-butanol	DRC	Safety-hazards
M378	Reduction of an Intermediate of Azithromycin	DRC	Safety-hazards
M379	Synthesis of 2, 3, 6-thr methyl, 4-nitrosophenol	DRC	Safety-hazards
M275	Melting and solidification of cheese	DSC 121	Food
M276	Tripalmitine melting : influence of heat treatment	DSC 121	Food
M277	Melting of palm oil at different heating rates	DSC 121	Food
M278	Determination of the Solid Fat Index (SFI)	DSC 121	Food
M279	Crystallization of butter oils at 20°C	DSC 121	Food
M280	Oxidation of edible oil under pressure	DSC 121	Food
M281	Freezing of an extract of liquid coffee	DSC 121	Food
M282	Detection of α -lactose in whey powder	DSC 121	Food
M118	Melting of Pb-Sn alloy	DSC 131	Metallurgy
M119	Phase diagram of Pb-Sn system	DSC 131	Metallurgy
M143	IOT of polyethylene	DSC 131	Polymer
M144	Analysis of a PET	DSC 131	Polymer
M180	Glass transition of various synthetic elastomers	DSC 131	Polymer
M273	Melting of an edible oil after different processes	DSC 131	Food
M274	Melting of different sugars	DSC 131	Food
M361	Melting of margarine	DSC 131	Food
M125	Cooling curve of DSC141	DSC141	Instruments, device-accessories

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N°	Titre	Appareil	Domaine
M126	Melting peaks of indium with DSC92 and DSC141	DSC141	Instruments, device-accessories
M127	Tg of polycarbonate (PC)	DSC141	Polymer
M128	Glass transition (Tg of PVC	DSC141	Polymer
M129	Analysis of PET	DSC141	Polymer
M130	Analysis of PET / PE multilayer film	DSC141	Polymer
M131	Analysis of epoxy resin	DSC141	Polymer
M194	Heating of crude in a (CO ₂ + H ₂ O + N ₂) atmosphere	HT 1000	Cements & plasters
M216	Comparison of bituminous and coal shales oxidation	HT 1000	Oil-coal-energy-gas
M217	Oxidation of bituminous shales with various oil contents	HT 1000	Oil-coal-energy-gas
M218	Heat capacity of powdered coke	HT 1000	Oil-coal-energy-gas
M374	TG of epoxy resin with Labsys DSC	Labsys DSC	Polymer
M148	Phase transitions and melting of iron	Labsys DTA	Metallurgy
M121	Cooling curve of Labsys TGA-DSC	Labsys TGA	Instruments, device-accessories
M132	Decomposition of a NBR rubber	Labsys TGA	Polymer
M133	Proximate analysis of a coal	Labsys TGA	Oil-coal-energy-gas
M185	Thermal Stability of various elastomers	Labsys TGA	Polymer
M186	Thermal stability of elastomer joints	Labsys TGA	Polymer
M222	Proximate analysis of anthracite	Labsys TGA	Oil-coal-energy-gas
M223	Proximate analysis of a coal	Labsys TGA	Oil-coal-energy-gas
M134	Decomposition of calcium oxalate	Labsys TGA-DSC	Ceramics
M147	Expansion of a glass	Labsys TMA	Ceramics
M356	Thermal expansion of NIST Silica (réf. : 739-L1)	Labsys TMA	Ceramics
M357	Thermal expansion of NIST Steel (réf. : 738)	Labsys TMA	Metallurgy
M358	Thermal expansion of an aluminium based alloy	Labsys TMA	Metallurgy
M359	Thermal expansion of Corderite catalyst support	Labsys TMA	Catalysis
M027	Melting of Cu-Ti intermetallic compound	MHTC 96	Metallurgy
M072	Dissolution of Fe in Al at 1200°C	MHTC 96	Metallurgy
M075	Melting of steel	MHTC 96	Metallurgy
M077	Heat capacity of glass	MHTC 96	Ceramics
M086	Application of thermal analysis to the cement industry	MHTC 96	Cements & plasters
M103	Thermochemistry and structure of the liquid Na ₂ O-GeO ₂ system	MHTC 96	Ceramics
M104	Thermophysical properties of the composite ceramic-salt system (SiO ₂ /Na ₂ SO ₄)	MHTC 96	Ceramics
M124	Cooling curve of MHTC96	MHTC 96	Instruments, device-accessories
M195	Heat content of crude Portland cement	MHTC 96	Cements & plasters
M371	Melting of 0,15 mg of gold	MHTC 96	Instruments, device-accessories
M372	Heat capacity of a steel	MHTC 96	Metallurgy
M008	Formation of a polysaccharide gel	Micro DSC III	Food

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N°	Titre	Appareil	Domaine
M021	Gelification / melting of gelatine	Micro DSC III	Food
M022	Compatibility drug-exciptient	Micro DSC III	Biochemistry-pharmacy
M023	Denaturation of keratine	Micro DSC III	Biochemistry-pharmacy
M024	Mixture of Kappa (75 %) + Iota (25 %) carrageenans	Micro DSC III	Food
M031	Denaturation of hen egg white solution	Micro DSC III	Food
M033	Denaturation of soy solution	Micro DSC III	Food
M035	Denaturation of concatrated milk protein (95 % β latoglobulin - 5 % α lactalbumine)	Micro DSC III	Food
M049	Growth of escherichia coli	Micro DSC III	Biochemistry-pharmacy
M051	Fermentation of yeast dough	Micro DSC III	Food
M053	Thermal denaturation of collagen solutions	Micro DSC III	Biochemistry-pharmacy
M056	Denaturation of ribonuclease	Micro DSC III	Biochemistry-pharmacy
M059	Glucoamylase - Maltose interaction	Micro DSC III	Biochemistry-pharmacy
M066	Thermal stability of a human growth hormone (hGH)	Micro DSC III	Biochemistry-pharmacy
M071	Crystallization of a lysozyme solution (13,4%) at 40°C	Micro DSC III	Biochemistry-pharmacy
M076	Processing of yoghurt	Micro DSC III	Food
M083	Effect of KCl and NaCl on a thermal properties of gellan gum gels	Micro DSC III	Food
M084	Excess heat capacities of 1-butanol + toluene from 298 to 368 K	Micro DSC III	Thermodynamics
M085	Mixed gels formed with konjac mannan and xanthan gum	Micro DSC III	Food
M100	Precise determination of low level sucrose amorphism by microcalorimetry	Micro DSC III	Food
M108	Thermal stability of interleukin-2	Micro DSC III	Biochemistry-pharmacy
M109	Denaturation of a lysozyme solution at 0,127%	Micro DSC III	Biochemistry-pharmacy
M110	Denaturation and aggregation of α -amylase	Micro DSC III	Biochemistry-pharmacy
M111	Crystallization of palm oil	Micro DSC III	Food
M112	Gelatinization of wheat flour	Micro DSC III	Food
M113	Isothermal retrogradation of wheat flour at 4°C	Micro DSC III	Food
M114	Degree of stalling of a bread	Micro DSC III	Food
M116	Batch mixing vessel for micro-DSC ref 71/150156	Micro DSC III	Instruments, device-accessories
M117	Dissolution of KCl in water	Micro DSC III	Thermodynamics
M136	Ampoule vessel for micro DSC	Micro DSC III	Instruments, device-accessories
M137	Adsorption of ethanol on active carbon	Micro DSC III	Instruments, device-accessories
M283	Thermal denaturation of animal proteins	Micro DSC III	Food
M284	Reversible transition of kappa-carrageenan	Micro DSC III	Food
M285	Thermal denaturation of an enzyme (fungal gluco-amylase)	Micro DSC III	Food
M286	Enzymatic reaction : amylase + maltose	Micro DSC III	Food
M317	Sealed vessel (31/1528)	Micro DSC III	Instruments, device-accessories
M318	Circulation vessel (31/1529) : one inlet + one outlet	Micro DSC III	Instruments, device-accessories
M319	Circulation mixing vessel (31/1530) : two inlet + one outlet	Micro DSC III	Instruments, device-accessories

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N°	Titre	Appareil	Domaine
M320	Liquid heat capacity vessel (31/1531)	Micro DSC III	Instruments, device-accessories
M321	Calibration vessel (31/1527)	Micro DSC III	Instruments, device-accessories
M322	Denaturation of a collagen solution	Micro DSC III	Biochemistry-pharmacy
M323	Denaturation of animal proteins	Micro DSC III	Food
M324	Thermal stability of a protease	Micro DSC III	Biochemistry-pharmacy
M325	Helix-coil transition of plasmid DNA	Micro DSC III	Biochemistry-pharmacy
M326	Unfolding transition of ribonuclease A	Micro DSC III	Biochemistry-pharmacy
M327	Stability of human growth hormone (hGH)	Micro DSC III	Biochemistry-pharmacy
M328	Denaturation of an insulin solution	Micro DSC III	Biochemistry-pharmacy
M329	Reversibility of a Kappa-carrageenan gelation	Micro DSC III	Food
M330	Phase transition of DPPC	Micro DSC III	Biochemistry-pharmacy
M331	Phase transitions in a liquid crystal	Micro DSC III	Oil-coal-energy-gas
M332	Thermal stability of sulphur	Micro DSC III	Ceramics
M333	Stability of a fertilizer	Micro DSC III	Biochemistry-pharmacy
M334	Propellant stability	Micro DSC III	Safety-hazards
M335	Stabilisation at a set temperature	Micro DSC III	Instruments, device-accessories
M336	Thermal behaviour of an antibiotic	Micro DSC III	Biochemistry-pharmacy
M337	Baseline stability at constant temperature	Micro DSC III	Instruments, device-accessories
M338	Metabolism of ladybird (<i>Coccinella septempunctata</i> L)	Micro DSC III	Biochemistry-pharmacy
M339	Enzymatic activity : amylase + maltose	Micro DSC III	Biochemistry-pharmacy
M340	Heat of mixing : NaOH + HCl	Micro DSC III	Thermodynamics
M142	Tg of a solution prior its freeze-drying	Micro DSC VII	Biochemistry-pharmacy
M145	Crystallisation of paraffin in gas-oil	Micro DSC VII	Oil-coal-energy-gas
M146	Analysis of an emulsion of water in gas-oil	Micro DSC VII	Oil-coal-energy-gas
M079	Heat production of frogs under normoxic and hypoxic conditions : a microcalorimetric study using a gas flow system	MS80	Biochemistry-pharmacy
M139	Self discharge of batteries	MS80	Oil-coal-energy-gas
M152	Melting of a cheese	Setline 120	Food
M153	Melting of a margarine	Setline 120	Food
M154	Melting of a butter	Setline 120	Food
M155	Melting of a black chocolate	Setline 120	Food
M156	Melting of a paraffin wrapper for food packaging	Setline 120	Food
M157	Melting of water contained in a marrow	Setline 120	Food
M158	Analysis of P.E.T.	Setline 300	Polymer
M159	Melting of polypropylene	Setline 300	Polymer
M160	Melting and oxydation of a copolymer Polyethylene (2%)+Polypropylene	Setline 300	Polymer
M161	Glass transition of Polystyrene (PS)	Setline 300	Polymer

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N°	Titre	Appareil	Domaine
M162	Glass transition of Polycarbonate (PC)	Setline 300	Polymer
M163	Glass transition of a resin epoxy before and after polymerisation	Setline 300	Polymer
M164	Melting of Phenacetin	Setline 300	Biochemistry-pharmacy
M165	Melting of Nicarpidin sample	Setline 300	Biochemistry-pharmacy
M166	Phase transition and melting of N-Dotriacontane	Setline 300	Biochemistry-pharmacy
M167	Dehydration of gypsum in cement	Setline 300	Cements & plasters
M168	Gelatinization of different starches in water	Setline 300	Food
M015	Decomposition of black powder	Setsys DTA	Safety-hazards
M193	Baking of crude Portland cement	Setsys DTA	Cements & plasters
M221	Melting of coals ashes	Setsys DTA	Oil-coal-energy-gas
M026	Stability of SiC under O ₂	Setsys TGA	Ceramics
M069	Decomposition of PVC	Setsys TGA	Polymer
M070	Decomposition of tyre	Setsys TGA	Polymer
M091	Silica device for corrosive atmosphere (ref : 71/150204 for TG92-10)	Setsys TGA	Instruments, device-accessories
M092	Analyse under controlled humidity	Setsys TGA	Instruments, device-accessories
M093	Zircona under water vapour up to 1700°C	Setsys TGA	Ceramics
M097	Decomposition of calcium oxalate with controlled DTG	Setsys TGA	Ceramics
M098	Dehydration of CuSO ₄ .5H ₂ O with controlled DTG	Setsys TGA	Ceramics
M099	Dehydration of CaSO ₄ .2H ₂ O with controlled DTG	Setsys TGA	Cements & plasters
M122	Cooling curve of Setsys TGA-18 and Setsys TMA-18	Setsys TGA	Instruments, device-accessories
M123	Cooling curves of Setsys TGA-Cryo and Setsys TMA-Cryo	Setsys TGA	Instruments, device-accessories
M187	Isothermal stability of polybutadiene	Setsys TGA	Polymer
M234	Determination of adsorbed and structure water in a catalyst	Setsys TGA	Catalysis
M236	Adsorption of CO ₂ on a molecular sieve	Setsys TGA	Catalysis
M135	Analysis of kaolinite	Setsys TGA-DTA	Ceramics
M002	Melting of a polyester resin powder	Setsys TMA	Polymer
M003	Expansion of copper	Setsys TMA	Metallurgy
M005	Sintering of Al ₂ O ₃ with control of the shrinking rate	Setsys TMA	Ceramics
M007	Tg of polyurethane	Setsys TMA	Polymer
M014	Sintering of MoSi ₂	Setsys TMA	Ceramics
M016	Loss of mechanical properties of polycarbonate	Setsys TMA	Polymer
M019	TMA analysis of a polymer film	Setsys TMA	Polymer
M025	TMA of potatoe during cooking	Setsys TMA	Food
M037	TMA of P.E.T.	Setsys TMA	Polymer
M038	DLTMA of P.E.T.	Setsys TMA	Polymer
M039	TMA of a polyester resin	Setsys TMA	Polymer
M040	DLTMA of a polyester resin	Setsys TMA	Polymer

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M041	DLTMA of a polycarbonate	Setsys TMA	Polymer
M073	Thermal expansion of coast iron	Setsys TMA	Metallurgy
M074	Thermal expansion of zirconia	Setsys TMA	Ceramics
M341	Thermomechanical analysis on wide temperature range	Setsys TMA	Instruments, device-accessories
M342	Glass transition of butadiene-styrene copolymer	Setsys TMA	Polymer
M343	Glass transition and thermal expansion coefficient of epoxy resin	Setsys TMA	Polymer
M344	Correlation between TMA and DSC data of PET	Setsys TMA	Polymer
M345	Characterization of glass	Setsys TMA	Ceramics
M346	E3xpansion of carbon powder	Setsys TMA	Ceramics
M347	Thermomechanical behavior of Ni-based superalloy	Setsys TMA	Metallurgy
M348	Sintering of refractory clay	Setsys TMA	Ceramics
M349	Sintering of carboniferous shale	Setsys TMA	Oil-coal-energy-gas
M350	Sintering of hydroxyapatite	Setsys TMA	Ceramics
M351	Controlled sintering rate of hydroxyapatite (1)	Setsys TMA	Ceramics
M352	Controlled sintering rate of hydroxyapatite (2)	Setsys TMA	Ceramics
M353	Shrinkage of fibers	Setsys TMA	Instruments, device-accessories
M354	Flexure of epoxy printed circuit boards	Setsys TMA	Polymer
M355	Determination of thermal expansion coefficient	Setsys TMA	Instruments, device-accessories
M360	Sintering of a steel powder under vacuum	Setsys TMA	Metallurgy
M373	Expansion of a steel between ambient and 1400°C	Setsys TMA	Metallurgy
M011	Oxidation of a steel in the scanning mode	TAG	Metallurgy
M012	Oxidation of a steel at 500°C	TAG	Metallurgy
M013	Reduction of a steel at 1200°C	TAG	Metallurgy
M224	Oxygen interaction with coal before combustion	TAG	Oil-coal-energy-gas
M235	Gas adsorption at low temperature under reduced pressure	TAG	Catalysis
M291	TG and TGA signals stability	TAG	Instruments, device-accessories
M292	Quantitative analysis	TAG	Instruments, device-accessories
M293	Quantity determination of water in powder milk	TAG	Food
M294	Kinetic reaction : carbon hydrogenation	TAG	Oil-coal-energy-gas
M295	Thermal strength of carbon fiber	TAG	Ceramics
M296	Analysis in sealed crucibles	TAG	Instruments, device-accessories
M297	Decomposition of sulfate	TAG	Ceramics
M298	Hydrogenation of "dead" catalysts	TAG	Catalysis
M299	Transitions in zirconium alloys	TAG	Metallurgy
M300	Lon term isothermal experiment	TAG	Instruments, device-accessories
M301	Gas desorption by thermogravimetry	TAG	Catalysis
M302	Decomposition of calcium oxalate	TAG	Ceramics

NOTES D'APPLICATIONS CLASSEES PAR APPAREILS

N°	Titre	Appareil	Domaine
M303	Cycle temperature up to 1750 °C	TAG	Metallurgy
M304	Evolved gas analysis by mass spectrometry	TAG	Instruments, device-accessories
M305	TGA - F.T.I.R COUPLING	TAG	Instruments, device-accessories
M306	Very High Temperature (Up to 2400°C)	TAG	Instruments, device-accessories
M307	Sensitivity of the detector	TAG	Instruments, device-accessories
M308	Temperature calibration : melting of a standard	TAG	Instruments, device-accessories
M309	Melting of metallic carbides	TAG	Ceramics
M310	Study of boron-titanium ceramics	TAG	Ceramics
M311	Stability of uranium oxide at 2000°C	TAG	Ceramics
M312	Silicon carbide	TAG	Ceramics
M313	Liquid - solid phase diagram	TAG	Ceramics
M314	Supercooling of a monocrystal	TAG	Ceramics
M315	Thermal control of carbon fibers	TAG	Ceramics
M316	Analysis of forsterite	TAG	Ceramics
M367	Analysis of plaster with high volume TG	TG 96	Cements & plasters
M368	Oxidation of a steel at 1000°C	TG 96	Metallurgy
M369	Oxidation of a steel during temperature cycling	TG 96	Metallurgy
M057	Analysis of hydrochloride dihydrate salt	TG-DSC111	Biochemistry-pharmacy
M094	Enthalpy of vaporization with TG-DSC111 (ref : 71/150177)	TG-DSC111	Thermodynamics
M095	Enthalpy of vaporization of water	TG-DSC111	Thermodynamics
M096	Melting of Indium under different atmospheres and vacuum	TG-DSC111	Instruments, device-accessories
M140	Titrys : titration calorimeter	Titrys	Instruments, device-accessories
M141	Titration of 0,1 M HCl by 0,1 M NaOH	Titrys	Instruments, device-accessories
M151	Adsorption of n-butylamine on a zeolite	Titrys	Catalysis
M370	Expansion of a graphite sample (Ø=18 mm ; h=50 mm)	TMA 96	Oil-coal-energy-gas
M149	Heat capacity determination		Thermodynamics