

# MonTech Software Systems

## MonQuality Laboratory Information Management System LIMS



### MonQuality - A fully integrated Laboratory Information Management System

Information is the biggest asset in every lab. Our MonQuality Laboratory Information Management System (LIMS) helps you to guarantee its integrity and enhance its value. MonQuality has been designed to help you to meet all your information management objectives, manage all your complex lab processes and provide exactly the information needed, at the right time and in the right format. MonQuality flexibility is manifested in multiple levels of the system, from automated workflow and records management to closed-loop traceability. Developed specially for the rubber and polymer industry, providing unique features such as full multi-site collaboration capabilities, remote data access and customized reporting, MonQuality LIMS truly is the ideal software platform for your laboratory.

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Material: MonTech Demo1

	S' Min	S' Max	TC 0	TC 10	TC 90	Time to Peak	Time@Peak	S' @Peak	Final Temperature	Peak Rate (S' /min)
Obere Toleranzgrenze	1,50	21,00	n/a	78,00	162,00	97,20	0,00	9,03	0,00	22,79
Obere Kontrollgrenze	1,32	19,16	n/a	72,00	156,00	94,20	0,00	8,77	0,00	21,96
Obere Wangrenze	1,16	18,64	n/a	66,00	150,00	91,20	0,00	8,52	0,00	21,13
Sollwert	1,00	18,00	n/a	60,00	138,00	88,20	0,00	8,26	0,00	20,29
Untere Wangrenze	0,85	17,61	n/a	54,00	126,00	85,20	0,00	8,00	0,00	19,46
Untere Kontrollgrenze	0,69	17,10	n/a	48,00	120,00	82,20	0,00	7,74	0,00	18,63
Untere Toleranzgrenze	0,50	15,00	n/a	42,00	114,00	79,20	0,00	7,48	0,00	17,80
	dNm	dNm		Sec	Sec	Sec	Sec	dNm	°C	dNm/Min

	6	6	1	6	6	6	6	6	6	6
Anzahl	6	6	1	6	6	6	6	6	6	6
Minimum	0,76	16,31	5,9	21,70	99,82	27,00	234,00	7,13	160,10	18,01
Maximum	1,96	28,76	5,9	69,20	146,38	90,20	480,00	8,30	189,98	37,39
Mittelwert	1,21	20,96	5,9	50,59	129,91	67,83	349,00	7,60	182,51	24,76
Standardabweichung	0,54	5,61	0,0	20,56	21,34	28,91	95,52	0,41	10,27	8,94
Varianz	0,29	31,48	0,0	422,55	455,48	836,97	9125,00	0,17	105,38	79,88
Varianzkoeffizient	0,44	0,27	0,0	0,41	0,16	0,43	0,27	0,05	0,06	0,36

The screenshot displays the MonQuality LIMS interface. It features a hierarchical tree view on the left for test protocols, a central table for test results with columns for test name, status, and quality, and a bottom section for calculation formulas. The interface is clean and professional, typical of a laboratory information management system.

MonQuality easily allows you to manage and trace all your compounds with fully digital workflows including test and control plans and work order instructions and specifications providing you with any required information of any laboratory related process such as sampling, routine quality control testing, customer specific or custom testing and research and development work orders at any time. MonQuality features full integration of any MonTech testing instrument as well as also the possibility to connect, send and retrieve data from any kind or type of third party instrument.

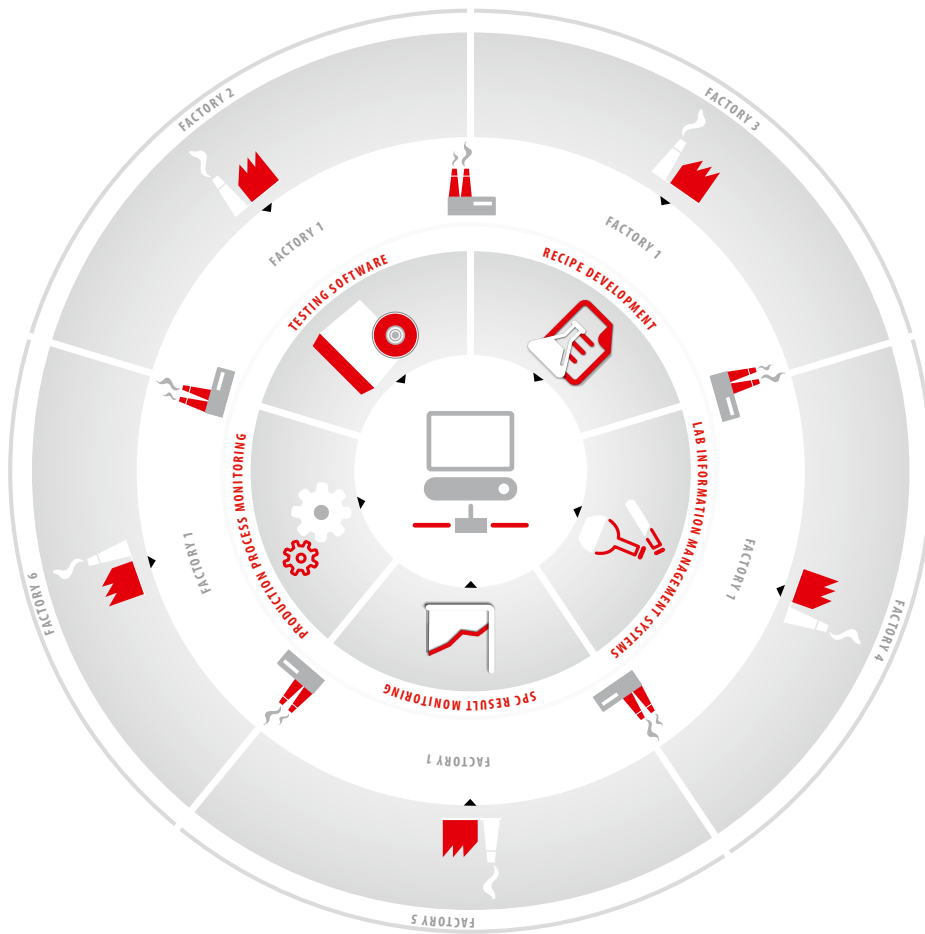
SOFTWARE SYSTEMS

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MonTech's Strategic Software Consulting team is an essential resource for complex laboratory IT projects that cut across areas of technology, business and scientific processes. Let us help you to resolve the complex planning and execution tasks associated with your LIMS project.

With our certified project management and transition services, a smooth software implementation and your project's success is guaranteed!



## Multi-site networking

MonTech's Software system can be expanded to wherever your factory and laboratory might be located. Featuring multi-site data collection and replication for full production continuity, providing global and local business rule management and compliance. This enhanced fully digital process chain - for the first time - allows global, collaborative Research and Development as well as Quality Control in the rubber industry. Intranet or internet-based global laboratory solutions can be implemented, meeting any standard on data security and traceability.

MonTech multi-site software solutions even permit further vertical business integration by making data accessible in web-based portals for suppliers and customers, providing the highest possible consistency and transparency in all laboratory related business processes.