

Module	Description	Details
Measurement module	In the MEASUREMENT MODULE, you can select, start, and interpret tests.	Chapter 5
Database	In the module DATABASE, you can manage the sample measurements and QC results and further evaluate them.	Chapter 6.3
USB stick	Data in the ROTEM® system is usually transferred via a USB stick. The USB stick is used for backup/restore and the export of TEMograms and numerical data.	Chapter 6.8
File system	In the module FILE SYSTEM and in the sub modules ADMIN TOOLS and USER, you can manage some system settings, the authorized users and the exported data, subject to the condition that you have appropriate user rights.	Chapter 6.7
Liquitrans	The LIQUITRANS module guides you step by step through the pipetting of up to 2000 µl liquid with the automatic pipette.	Chapter 6.6
Service	In the module SERVICE, you influence the recording of raw data, subject to the condition that you have appropriate user rights.	Chapter 6.5
Setup	In the module SETUP, you change system settings, subject to the condition that you have appropriate user rights.	Chapter 6.4

Table 3-4: Modules of the system software

## 3.3.1 Technical data

Measurements and weight	Length in mm	545
	Width in mm	335 without pipette holder
	Height in mm	205 without touch screen/pipette
		approx. 590 including touch screen
	Weight in kg	approx. 15 without touch screen
		approx. 22 including touch screen
Power supply instrument	Input	115/230 V <sub>AC</sub> ; 2.3/1.15 A; 60/50 Hz
	Power input	Max. 265 VA
Power supply touch screen	Input	115/230 V <sub>AC</sub> ; 0.5/1 A; 60/50 Hz
	Power input	Max. 50 VA
Installation	Installation category	I
Data input	USB	See respective operating manual
Data output	USB, LAN, serial interface	See respective operating manual
	optional printer	See operating manual for the printer

Table 3-5: Technical data

Ambient conditions	Operating temperature	+15 °C to +30 °C
	Storage temperature	+0 °C to +50 °C
	Relative humidity	20% to 85%
	Operable to height above sea level	2000 m
Temperature control	Measuring station	+30 °C ± 1.0 °C to + 40 °C ± 1.0 °C Reference measurement temperature +37 °C ± 1.0 °C
Specifications	Measuring principle	Thromboelastometry
	Angular deflection detection	Optical system with CCD sensor
	Heater	Independent heaters with independent temperature sensors: - for each measuring position (altogether 4) - for the temperature controlled work area
	Number of channels	Four independent channels
Connections	Power supply	Original ROTEM® power cable (country specific)
	Touch screen	Three original ROTEM® connection cables for the equipment
	Pipette connection	Original ROTEM® system pipette with helix cable and RJ12/Western connector (6-pin)
Data backup	USB stick 1GB	Allows to export data to other media.
Printer (optional)	supported printer	Printers with USB port are supported. Please ensure that required drivers are available in the system (Chapter 6.7.1). The printer must follow IEC 60950 standards to comply with DIN EN 61010.

Table 3-5: Technical data