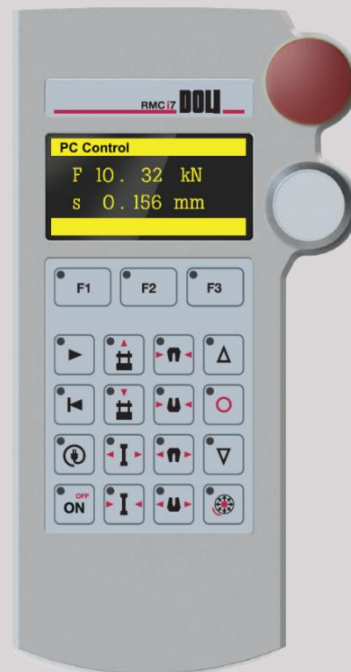


RMCi – APPLICATION SHEET

...the comfortable Remote Machine Control unit for your test machine

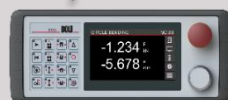
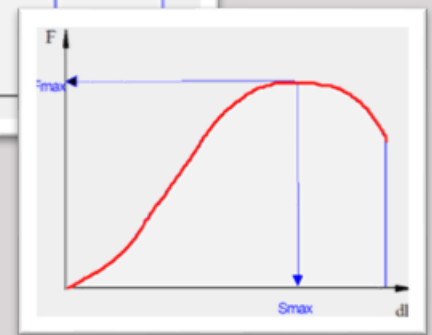
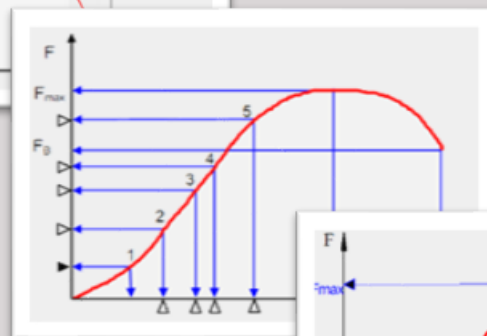
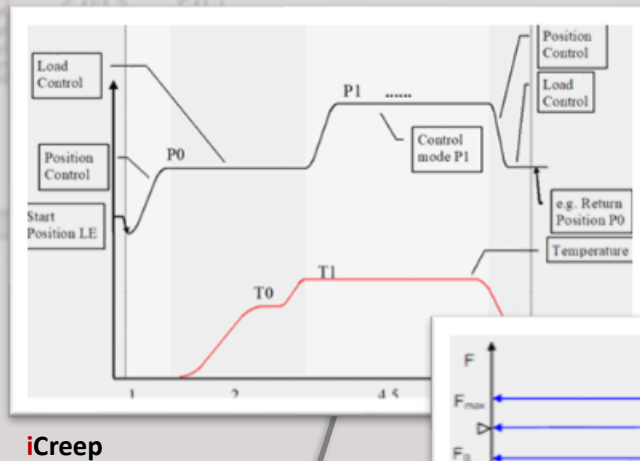
Extend you flexibility by operating your test application with the DOLI RMCi concept



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RMCi Overview



Device	RMCi1	RMCi8	RMCi7	RMCi6
Suitable for	Electric cabinet, EDCi with desktop design	All	All	All
Control mode	PC, Standalone	PC, Standalone	PC	PC
Display [Pixel]	272x480	272x480		
Display type	Touchxx	Touchxx	OLED	OLED
No of keys	18	18	21	16
Emergency button	✓	✓	✓	-
Holder type to machine Frame	Magnet	Magnet	Magnet	Magnet

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RMCi Functions (RMCi 8 illustration)

KEY	Function	Comment
	ON	Switch drive on. LED is flashing. After drive amplifier is on, LED is also on
+	OFF	Press Digipoti and ON key to switch drive off. LED is off.
	UP	Moves crosshead up. LED is on during movement in this direction.
	HALT	Halts movement of crosshead. In standalone mode the key stops the running test. Test results are shown.
	DOWN	Moves crosshead down. LED is on during movement in this direction.
	POS MODE	Change operational mode of Digipoti from speed to position control mode. Both direction LEDs are on.
	TURN (All) PRESS (RMCi1/8)	In speed control mode: increase / decrease speed. In position control mode: increase / decrease position. ENTER function in menus or selects a menu item.
+	HIGH/LOW PRESSURE	Activate / deactivate high pressure. This function must be enabled and configured in the EDC setup. LED is on if high pressure is active.
	CLOSE/OPEN GRIPS	These four keys operate hydraulic / pneumatic grips. This function must be enabled and configured in the EDC setup. LEDs are controlled by an external device.
	CLOSE/OPEN EXTENSOMETER	Operate automatic extensometer arms. This function must be enabled and configured in the EDC setup. LEDs are controlled by an external device.
	MOVE XHEAD	Operate adjustment of a fixed crosshead. This function must be enabled and configured in the EDC setup. LEDs are on if crosshead is moving.
	START HALT CONTINUE	Start test (LED on). Halt running test (LED flashing). Continue test (LED on). Function depends on the standalone or PC application.




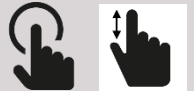


RMCi8

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RMCi Functions (RMCi 8 illustration)

KEY	Function	Comment
	RETURN	Return to start position. Function depends on the standalone or PC application.
	LINK	<p>Function depends on the EDC general data setup parameter RMC Active Mode. If two or more RMC are connected, you can set the behavior of the active RMC.</p> <p>MULTI: All connected RMCs are active. All link LEDs are on.</p> <p>SINGLE: 1. Only one active RMC is allowed. One link LED is on. 2. All other RMC keys are disabled (Estop is always active). 3. Press link key of the active RMC to switch to another RMC. 4. Now all RMC link LEDs are blinking. 5. Press the RMC link key of the new RMC.</p>
 (ONLY RMCi6/7)	F1...F3	Function keys are only used in PC Control. Function depends on the PC application. Build in EDCi standalone tests don't use these keys.
 (ONLY RMCi1/8)	TOUCH SWIP	<p>ENTER function in menus or selects a menu item.</p> <p>Moves cursor up/down or selects a choice in parameter menus.</p>

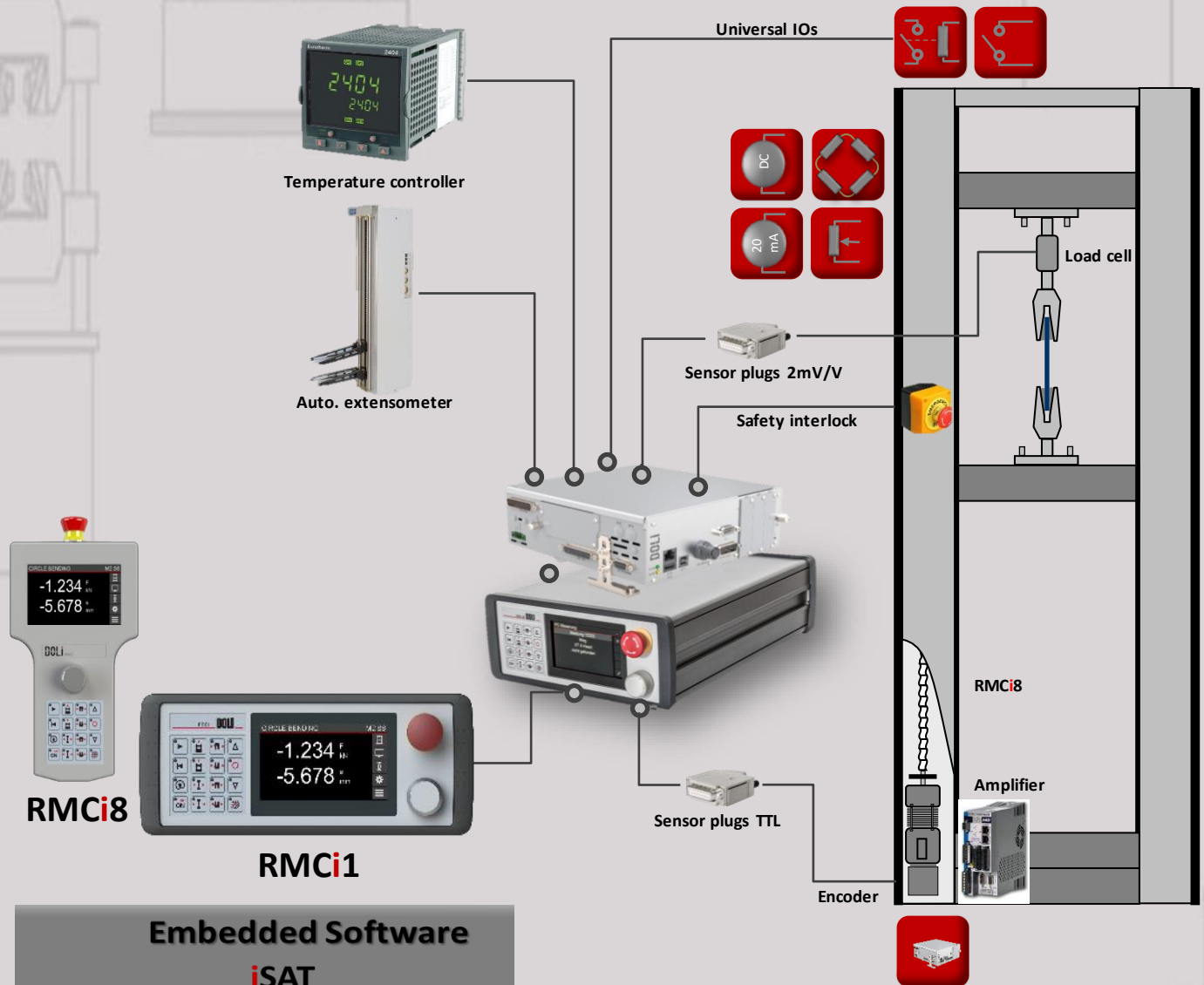


RMCi8

RMCi – APPLICATION SHEET

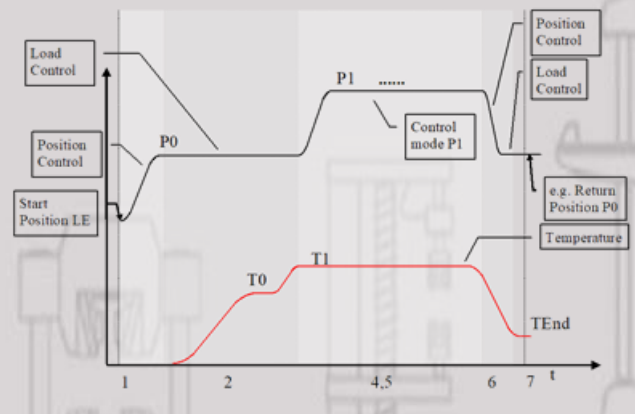
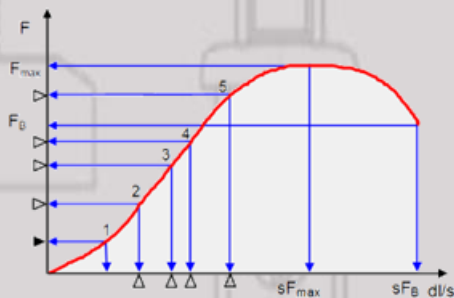
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STANDALONE APPLICATIONS (NO PC)



Embedded Software **iSAT**





Standalone testing algorithms for
concrete, tensile/compression, creep



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PART LIST

Code	Description	Part number
RMCi1	EDCi front panel with keyboard unit and TFT touch display Suitable for standalone mode 	7007503
RMCi8	Remote Machine Control unit with 16 keys, emergency-stop, DigiPoti and 4,3 " TFT touch display, M12 cable interface and 3m cable Suitable for standalone mode 	1000733
RMCi7	Remote Machine Control unit with 19 keys, emergency-stop, DigiPoti and display, M12 cable interface and 3m cable Not suitable for standalone mode 	1000505
RMCi6	Remote Machine Control unit with 15 keys and DigiPoti, M12 cable interface and 3m cable Not suitable for standalone mode 	1000650
Accessories for RMCi		
RMCi-K1	extension cable, 1m, M12-M12, for RMCi and drive box	7007312
RMCi-K3	extension cable, 3m, M12-M12, for RMCi and drive box	7008783
RMCi-K5	extension cable, 5m, M12-M12, for RMCi and drive box	7007313
RMCi-K10	extension cable, 10m, M12-M12, for RMCi and drive box	7007314
RMCi-H	Hub for two RMCs incl. cabel 1m (RMCi1, RMCi6, RMCi7,RMCi8)	1000718