

## SMART VS SMART PRO COMPARISON



controller	SMART	SMART PRO
display	4.3" touch screen	7" touch screen
network	LAN	LAN and Wi-Fi
USB	YES saving registration data saving events	YES saving registration data saving events uploading programs
keypad	Numeric	Alphanumeric
languages	PL, EN, RU, CZ, IT, PT, UA, FR, ES	PL, EN, RU, CZ, IT, PT, UA, FR, ES
main screen	Dashboard (all relevant data visible from one main window)	Dashboard (all relevant data visible from one main window)
users	-	5
users account types	-	User / Admin / Super Admin
programs	5	40
program name	Free number assigned	User editable
priority	Parameters	Parameters, time
segments	6	100
light control	Only ON/OFF (FOT)	YES (FIT)
schedule	-	10 schedules
data registry	max. 10,000 measurement data stored for a maximum of 6 months	max. 10,000 measurement data stored for a maximum of 12 months
events registry	YES	YES
statistics	YES - only the current cycle	YES - from every segment and program cycle
temp. protection class	1.0 or 2.0 (3.1, 3.2, 3.3 - option)	3.1 or 3.2 or 3.3
Quick Note	-	Ability to enter user text notes
graph	-	YES
mail notifications	-	Alarm notifications
unit name	Fixed (serial number)	Editable
Alarm Bar	YES	YES
Quick Change	YES	YES
software for PC	LabDesk (option)	LabDesk

## SMART AND SMART PRO FEATURES COMPARISON

SMART	SMART PRO	
	X	large (7"), full colour touch screen
X		4.3", full colour touch screen
X	X	energy-saving screen mode
	X	alphanumeric keypad
X		numeric keypad
X		communication and data transfer via: LAN and USB
	X	communication and data transfer via: LAN, USB, Wi-Fi
X	X	saving measurement data on external memory via USB port
X		multi-segment time-temperature profile (up to 6 segments)
	X	multi-segment time-temperature profile (up to 100 segments)
X		light time control (FOT)
	X	control of lighting duration and intensity (FIT)
	X	displaying data as a graph or table
X	X	visual and audible alarm
	X	Administrator function to manage User accounts
	X	login secured with a password or pattern (Smart Lock)
X	X	internal memory for measurement data and programs
X		5 programs
	X	40 programs
X		max. 10 000 data records stored for a maximum of 6 months
	X	max. 10 000 data records stored for a maximum of 12 months
X	X	unit name – serial number
	X	unit name – editable
X	X	ability to operate the screen with latex gloves
X	X	event log
	X	event log with user message support
X	X	user manual to download from the unit's internal memory
	X	LabDesk software available in the unit's internal memory
X		LabDesk software – option
X	X	Alarm Bar – quick visualization of unit status
	X	Quick Note – User can write and save message in unit's internal memory
X	X	Quick Change – quick change of parameters: temperature, humidity, time, air flap opening, fan efficiency
X	X	Quick Program – quick launch of the program from the main screen
X	X	Mute – temporarily turns off sound signals
	X	automatic logout
X	X	automatic screen lock
X	X	unit automatic self-diagnosis
X	X	malfunctions displayed as error codes (explanations of error codes: smart4lab.eu)
	X	reports sent by e-mail
X	X	cyclical program repetition (up to 255 cycles or indefinitely)
X	X	program start delay
	X	schedules (max 10)
X	X	working time adjustment (1 min to 365 days or continuous operation)
X	X	setting up the ramp
X	X	preview of set and current parameters while the program is running
X	X	registration average, min. and max. temperature values for each segment and cycle
X	X	temperature/humidity calibration by the user
X	X	operating mode with time or parameter priority
X	X	temperature sensor damage alarm
X	X	alarm of exceeded set parameters
X	X	open door alarm
X	X	open door alarm delay
X	X	open door counter
X	X	power outage alarm
X	X	continuation of the program after turning on the power
X	X	real time clock
X	X	time zone selection
	X	Ethernet output for data and event register, programming and unit operation control
X		Ethernet output for data and event register