

## VARIO smart function overview

Animal management	Register	Animal
		Automatically
	Cancel	Animal
		Group
		Weaned animals
		Settings
	Transfer	<Animal 1..250>; group: A..D
⊕ Change pen for Cal-fRail	Box/transmitter present; Create new transmitter	
Transmitter	New	
	Edit	
	Information	
Feeding	Individual animal	Group: [A..D]
		Feed
		Concentration
		Milk ratio as %
		⊕ C 1/2
		⊕ Additive 1/2
		⊕ Weight
		Plan day: x
	⊕ Additive	Animal
		Group
		Medicine prescription
		Electrolyte prescription
	Plans	Feed
		Winter feed plans
		⊕ Concentrate 1/2
		Carryover
	Alarm level	Feed
⊕ Concentrate 1/2		
⊕ Scales		
Preference	Alarm: [yes no]; additive: [yes no]; up to feed day: 0 to 99; box: none, 1.. 8	
Calibration	Components	MP
		HE water
		Milk
		⊕ Additive
	⊕ Detergent	
	⊕ Concentrate station 1..8	
	⊕ Scales 1/1..12/2	

	⊕Hose pumps	All automatic? Select the stations	
	⊕Settings	MP; water; milk; hose pumps	
Device data	Operating modes	Ad lib: [yes no] Concentration: 0 g/l, 5 to 255 g/l (only in ad lib mode) Milk ratio: 0 %, 30 to 100 % (only in ad lib mode) ⊕Additive 1: 0 to 99 g/l (only in ad lib mode)	
	Milk values	[MP mode MP/milk mode] [continue with MP machine stop] (only for MP milk mode) Compensate: 5 to 255 g/l Drain: 0.1 to 3 h Encircle: < 30 to 70%, 100%	
	Portion	Set temperature: 10.0 to 44.0°C Minimum temperature: 0 to 43.5°C Empty: 0 to 120 min Mixer follow-up time: 3 to 12 seconds	
	Time/date	Time: current time; date: current date; format	
	Stations	Feed	
		⊕Concentrate	
		⊕Teat slider	
		⊕CalfProtect	
	Function keys	Animal list; start mixer; correct. days...	
	Animal list	Column 1/2: TR consumption C 1/2 consumption break offs visits dr. speed	
	Data backup	Internal (device)	
SD card			
Cloud			
Cloud	Start? / finish? / status; file transfer; software update		
New installation	Device data; plans; medicine prescription, animal data; transmitter no.; everything		
Cleaning	Mixer	Start detergent 1 / ⊕2? ⊕detergent 2 change no.: 3 to 99 ⊕detergent 2 in x cleans Cleaning/day: 0 to 4 Cleaning 1.. 4: 12:00 AM to 11:59 PM Drainage mode: [yes no]	
	Heat exchanger	Start detergent 1 / 2? ⊕detergent 2 change no.: 3 to 99 ⊕detergent 2 in x cleans Cleaning/day: 0.. 4 Cleaning 1.. 4: 12:00 AM to 11:59 PM Milk empty: [yes no]	

	Cleaning cycle	Start detergent 1 / <b>+</b> 2? Water/box: 0.3 to 1.5 liters
	<b>+</b> Compressed air	Start after: 0.5 to 120 min / TR-station
	Sponge	Start?
	Rinsing the hose	<Group A..D> Activated: [Yes no] / as of plan day: 1 to 99
	Start drainage mode	
	Settings	Temperature: 10.0 to 50.0°C Detergent: 0 to 25 ml/l Clean teat: [yes no]
Diagnosis	Valves	Open boiler water? Open HE water? Ball valve Open milk? Open mixer drain? Open circulation valve? <b>+</b> Open air valve?
	Motors	Start mixer? Start milk pump? Start powder? <b>+</b> Additive 1 start? Detergent 1/ <b>+</b> 2 Start feeding pump? Circulation pump
	Heating	Switch on?; boiler: xx°C
	Sensors	Elec. supply: free/covered Elec. point: free/covered Elec. rod: free/covered Detergent: OK <b>+</b> Powder: OK MAP button: active/inactive Mixer/boiler: xx.x°C Water meter
	<b>+</b> Calibration scales	Check?; Adjust?
	Stations	Feed, concentrate
	Control	<Failure> Amount: xx; since: Date; most recent: Date/time; delete?
	Version	Device; Processor; ID chip; Terminal; Identification; Peripheral device
	Setup	Language; Machine; Equipment; Identification; ID chip; Calibration scale; Stations; Terminal; Communication; Service
	Remote maintenance	

Animal control	Animal list	Feed consumption %/liter; Drinking Speed; Animal Visits; Break offs
	Entitlement	Starting from; Consumption %/liters; Break off; Visit
	Alarm	delete all?; Consumption %; Feed l; Concentration g/l
	Plan over date	Delete all?
	⊕ Additive	Additive 1/2; break off
	40FIT period	Consumption %; Break off; Drinking speed %; Visit; Feeding day
	⊕ CalfRail	Consumption %; Break off; Drinking speed %; Visit; Feeding day
	Marked	Consumption %; Break off; Drinking speed %; Visit; Feeding day
	New	Number; Animal no.; Group; Feed; Concentration; Milk ratio; Plan day; Feeding day; Date; Time; Confirm?
	Doubled	Animal no.; confirm?
	Unknown	Delete?; Number; Amount; Time; Date; register?
	All	Consumption %; Break off; Drinking speed %; Visit; Feeding day
Total consumption	Total; Animal; Portion; Group	
Manual functions	Extra portion	Start? Output: [Bucket station 1.. 8 mixer] Set qty: 0 to 99 liters Temperature: 42 to 45°C Concentration: 5 to 255 g/l Milk ratio: 0 to 100% ⊕ Additive 1: 0 to 99 g/l
	Mixer: drain? Milk: suck in? Milk draining Start milk? HE water: start? Boiler water: start? Powder: start? ⊕ Additive 1: start? ⊕ Additive 2: start? Mixer: start? HE: fill? Lines: open?	
	Feeding box	Open valve?; Start pump?