

Function Table, Switch Menu SA2 PLUS POWDER with Concentrate										
1 Feeding mode	Extra-Portion: Press Arrow Left when the mixer jar is empty. Enter the quantity to be dispensed + the concentration. Press Start/ Stop. Select whether the extra-portion has to be dispensed at box 1 or 2. Press „5“ to dispense the extra-portion e.g. into a bucket.									
2 Rinsing	Mixer ^ v	→	cleaning? start							
	Air cleaning ^ v	→	box selection / start							
	Settings ^ v	→	mixer ^ v	→	automatically yes	→	number cleaning processes/day			
			suction hose ^ v	→	group ^ v yes	→	as of 14th day of the feeding plan			
			remain. portion ^ v	→	empty yes	→	empty after 30 minutes			
			detergent ^ v	→	g / L					
			air cleaning ^ v	→	box	→	air cleaning intensity	break when calf visits box		→
air cleaning after feeding		operating mode: summer ^ v			→	air cleaning: cleaning water 100 %				
3 Alarms (Machine Alarms, Animal Alarms)	Machine alarms ^ v	→	alarm type				→	Delete alarms by 0/C key		
	Messages drinking / C / expiry ^ v	→	Concentrate Warnings <ul style="list-style-type: none">Warning today and warning yesterday are calculated regarding to the feeding plan3-days warning is calculated regarding to average consumption of the last 3 days							
	Warn. anim,feeding ^ v	→								
	Warn. anim., C ^ v	→								
	Warn. anim., weight ^ v	→								
	Expiry plan animals ^ v	→								
4 Animal Verification	Feeding behaviour ^ v	→	available drinking No. box/consumption	→	cons. yesterday No. box/consumption	→	breaks, no additives	→	breaks with additive	
			dr. speed today	→	dr. speed yesterday					
	C1+C2 ^ v	→	avail. / consum.	→	consumption yesterday					
	C1 ^ v	→	avail. / consum.	→	consum. yesterday	→	C1 of 3-days ()	→	dosing amount	
	C2 ^ v	→	avail. / consum.	→	consum. yesterday	→	C2 of 3-days ()	→	dosing amount	
	Visits ^ v	→	visits fed	→	visits not fed	→	visit with C	→	visit without C	
	Animal scales ^ v	→	animal weight, examine in list				→	visit today	→	day weight, yesterday/day before yesterday
	Number of animals ^ v	→	registered/available	→	number of registered animals in group ^ v					
5 Calibration	Water ^ v	→	Calibration Process <ol style="list-style-type: none">Press Start to dispense the calibration quantityMeasure resp. weigh the calibration quantityCheck whether the calibration quantity is identical to the target quantity. If not, enter the dispensed amount and repeat the calibration process.							
	MP ^ v	→								
	Concentrate ^ v	→								
	Additives ^ v	→								
	Detergent ^ v	→								
6 Animal Data	Weight/days fed ^ v	→	weight/LWG	→	days fed/reg. date	→	correction days	→	expiry C1/C2 plan	
	Ration/day/animal ^ v	→	feed / C	→	feed/concentration	→	MP	→	X1-4 or EL consumed	
									C1/C2	
	Cancel registration ^ v	→	individually	→	expired animals	→	all animals			
	Register ^ v	→	available animal no.	→	register					
	Register groups ^ v	→	animal 1-999 in group ^ v				Identification Numbers			
	Autom. registration ^ v	→	yes/no	→	group/weight/LWG		1-: without transmitter number			
	Change registration ^ v	→	change into group ^ v				1a: available transmitter number			
	Transmitter input ^ v	→	animal number / transmitter number				→	antenna test	→	Squelch antenna
7 Deviations	Feed ^ v	→	duration + quantity							
	Concentration ^ v	→	duration + quantity							
	Concentrate ^ v	→	C1 duration + quantity			→	C2 duration + quantity			
	Additives ^ v	→	duration + quantity							
8 Consumption	MP req./consumed ^ v	→	X1-4 requir. + cons. / EL cons.			→	C1/C2 requir. / cons.			
9 Additives	Medicine distribute ^ v	→	animal-specific distribution/group distribution/automatic prophylaxis			→	X 1-4: duration + quantity		→	distribution
	EL distribute ^ v	→	animal-specific distribution/group distribution/automatic prophylaxis			→	EL: duration + quantity		→	distribution
	Medicine prescription, make out ^ v	→	select prescription 1-4	→	X1-4 g/100kg,g/day, g/L, yes/no	→	distribution to all portions, 1-2 times/day		→	per. 1-5
	EL prescr. make out ^ v	→	duration + quantity in g/L			→	per visit, number of days with milk			
	Remaining portion with additive, block ^ v	→	block yes / no							
	Additives, info ^ v	→	application today	→	application yesterday	→	breaks with additive, today / yesterday			

Function Table, Keyboard Menu „10“

Operating Functions

1 Machine Data	date, time →	station no. prg.-vers. →	prg. concentrate →	operating days	
2 Restricted/Ad libitum	today/ad lib yester. →	ad lib concentration →	ad lib additive		
4 Accustoming Aid	feeding box ^ v →	accustom at box ^ v for..... minutes →	priority warn calves / box ^		
5 Setup	concentrate ^ v →	silo ^ v available →	silo 1-4 ^ v C1/2 →	dosing code →	Squelch antenna
	set baud rate ^ v →	baud rate 19200 ^ v			
	printing ^ v →	auto print →	printing channel ^ v		
	animal scales ^ v →	animal scales box 1/2 available yes/no →	weight factor →	tare value	
	interface test ^ v →	test channel 1 - 5			
	boxes ^ v →	box 1-2 available yes/no →	duration draining time box 1-2		
	portion ^ v →	distribution pause in seconds	mixer run time in seconds		
	detergent pump ^ v →	available yes / no			
	air cleaning ^ v →	available yes / no			
	institute ^ v →	available yes / no			

Feeding Plans

10 Feeding Plan	group ^ v →	period 1 - 5 →	duration of the plan →	target consumption	
11 Concentration Plan	group ^ v →	period 1 - 5 →	duration concentration plan + feeding plan →	target consumption	
15 Quantity Limits	limits, group ^ v →	period 1 - 5 minimum/maximum →	duration quantity limits plan + feeding plan		
	carryover ^ v →	group ^ v yes / no			
16 Entitlement Intervals	group ^ v →	first / last interval →	number of entitlement intervals		

Verification Functions

20 Alarm Levels	feed ^ v →	group ^ v →	cons. / dr. speed →	break no addit. →	break with additives
	concentrate ^ v →	group ^ v →	warning suppress. →	warning today →	warn. yest. → 3-day w.
	LWG ^ v →	group ^ v →	% of animal weight	<i>This function is only displayed, in case "animal scales" have been activated in Setup.</i>	
21 List Printing	warning list ^ v →	verification list			
22 Total Consumption	MP ^ v →	X1 + X2 →	X3 + X4 →	EL →	C1/C2
23 Power Failures	mains interruption ^ v →	restore →	water check		
25 Animal scales	box 1/2 ^ v →	box 1/2 tare →	<i>This function is only displayed, in case "animal scales" have been activated in Setup.</i>		
	connection test				
	box 1/2 weigh				

Concentrate Functions

40 Concentrate 1-Plan	group ^ v →	period 1 - 5 →	duration concentrate 1-plan + feeding plan →	target consumption	
41 Concentrate 2-Plan	group ^ v →	period 1 - 5 →	duration concentrate 2-plan + feeding plan →	target consumption	
42 Quantity Limits	minimum save-up ^ v		group in % ^ v		
	maximum quantity ^ v		group in % ^ v		
	carryover ^ v		group yes/no ^ v		
44 Entitlement Intervals	group ^ v →	first / last interval →	number of entitlement intervals		
45 Weaning	feed according to the plan ^ v		initial and final value in kg		
49 Connection Test	test silo 1 & 2 →	test silo 3 & 4			

Delete Functions

90 Feed Delay / Consumption	delete feed / concentrate ^ v →	delete feed delay, group →	delete feed delay, animal number →	delete consumption group →	delete consumption animal number
99 New Installation	all new ^ v →	operating data			

Abbreviations and Symbols

addit.	additive	MP	milk powder	w.	warning	as of version 00.16
avail.	available	LWG	life weight gain	warn.anim. ...	warning animals	
C/conc.	concentrate	no.	number	X 1-4	prescription 1-4	
clean.	cleaning	per.	period	yester.	yesterday	
concentrat. ...	concentration	presc.	prescription	Ø	average	
consum.	consumption	prg.vers.	program version	^ v	Arrow Up/Arrow Down active	
consumpt. ...	consumption	reg.	registration	→	Arrow Right/Arrow Left active	
dr.	drinking	remain.	remaining			
g	gram	req.	requirement			
heat.circ.	heating circuit	suppress.	suppression			
l	liter					