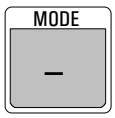
Dosimat 776

Metrohm

Quick References

8.776.1013

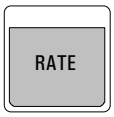
Mode selection

	Press key <MODE> until the desired mode is displayed and confirm it with <ENTER>.
	Load method from internal method memory: <RECALL><X><ENTER> X=0,1...9

Modes:

DOS	Dosing: You may calculate a result with the dosed volume.
DIS R	Repetitive dispensing: The burette cylinder is refilled after each increment.
DIS C	Cumulative Dispensing.
PIP	Pipetting.
DIL	Diluting.
CNT D	Preparation of solutions with preselected content.

Mode parameters

	For all modes: ↑ Expelling rate ↓ Filling rate OFF: Rate adjustable via potentiometer	 0.001...150 mL/min, OFF 0.001...150 mL/min, OFF
	Input of volumes, different for each mode, see below	0.001...999.999 mL, OFF
Display *Initial value*	*Meaning*	*Input range*
Mode DOS		
V-LIM **OFF ml**	Security volume; stop if V-LIM is reached	0.001...999.999 mL, OFF
blank **0 ml**	Blank value, key <BLANK>	0..±999.999 mL
factor **1**	Factor, key <FACTOR>	0..±1E33
smpl **1**	Sample size, key <SMPL>	0..±1E33
unit	Unit for the calculated result, key <UNIT>	ppm, %, g, mg, g/L, mg/L, mol, mol/L, mL, L, /pc, none
Mode DIS R		
V-DIS **1 ml**	Dispensing volume	0.001...999.999 mL
Mode DIS C		
V-DIS **1 ml**	Dispensing volume	0.001...999.999 mL
V-LIM **OFF ml**	Security volume; stop if V-LIM is reached	0.001...999.999 mL, OFF
Mode PIP		
V-PIP **0.1 ml**	Pipetting volume	0.001...49.5 mL
Mode DIL		
V-PIP **0.1 ml**	Pipetting volume	0.001...49.5 mL
V-DIL **1 ml**	Diluting volume	0.001...999.999 mL, OFF

Sequence of mode CNT D

Sequence	*Meaning*	*Input range*
CNT D 0.000 ml – –	Mode "CNT D": Content.	
unit % – **<ENTER>** –	Select unit with key <UNIT>.	%, ppm, g/L, mg/L, mol/L, mmol/L, mol/kg, mmol/kg
cnt 1 % –	Input of the desired content of the solution.	0..±1E33
Input <ENTER> – – –	Depending on the selected unit, auxiliary variables are necessary: Molar mass M, density of the solvent dens. and factor for the volume contraction f.	
s 1 g –	Input of the weight.	0..±1E33
Input <ENTER> –		
add V X.XXX ml – **<GO>**	The calculated volume is displayed. The dosing can be started with <GO>. With <CLEAR> the sequence returns to the input of the content for the solution (display "cnt").	