

0002 Software DiSoft

The screenshot displays the DiSoft software interface, which is used for programming and controlling a dosing system. The main window is titled "DiSoft" and contains a menu bar with options: Open, Start, Stop, Referencing, Needle measuring, Purge, Weigh, and Parts=0. Below the menu bar, the file name "Programm1.t" is shown. The interface is divided into several sections:

- Program Editor:** A window titled "DiSoft Program editor" showing a G-code program with commands like "GoolMgr.get", "SetCoordSys", and "ZProbe.SetCoordSysZ". It includes a coordinate table with X, Y, and Z values.
- Parameter Sets:** A window titled "Parameter sets" listing various parameters such as "speed", "accel", "pmpVolume", and "waitAfter" with their corresponding values.
- Control Panel:** A panel on the right side showing the current program "T:16 (C6: V-ZRP-23)" and a large numerical display for "297.500". Below this, there are buttons for home, up, and down movements. Further down, it shows the "CS 3: Program" with X, Y, and Z coordinates: X: -316.672, Y: 6.309, Z: 21.275. It also displays "mm/s: 0.00", "Counter total: 48", "Parts: 0", "Temperature: 20.6°", and "Humidity: 33.5%".
- Parameter Set Dialog:** A dialog box titled "Parameter set" with a table of parameters and their values. The table is as follows:

Parameter set	Key	Value	Text
<input checked="" type="radio"/> Line / Arc / Dot	1		
<input type="radio"/> Purge / Scale			
speed		20.000	Dispensing speed [mm/s]
speedMv		50.000	Move speed [mm/s]
accel		200.000	Acceleration [mm/s ²]
waitAtStart		0.000	Dispensing before start [s]
onAfterStart		0.000	Dispensing after start [mm]
offBefEnd		0.000	Move without dispensing at the end [mm]
mvBackAfter		1.000	Move back at the end [mm]
mvBackDzAfter		0.000	Z-retract [mm]
pmpMode		0	Pump mode
pmpSpeed		0.100	Pump speed [ml/s]
pmpVolume		0.000	Pump volume [ml]
waitAfter		0.000	Wait time after dispensing [s]

Description

Menu-guided software DiSoft for Windows 10/11.

Freely programmable for the dosage of points, circular arcs, lines and combinations via "teach-in" or keyboard entry. Programming of 12 inputs / 12 outputs, loops, conditions.

Input of various dosing parameters. Selection of options such as needle sensors, scales, outside temperature sensor, barcode scanner, camera, etc.

Extended functions such as database, input "User" or specially programmable customer requests are possible.