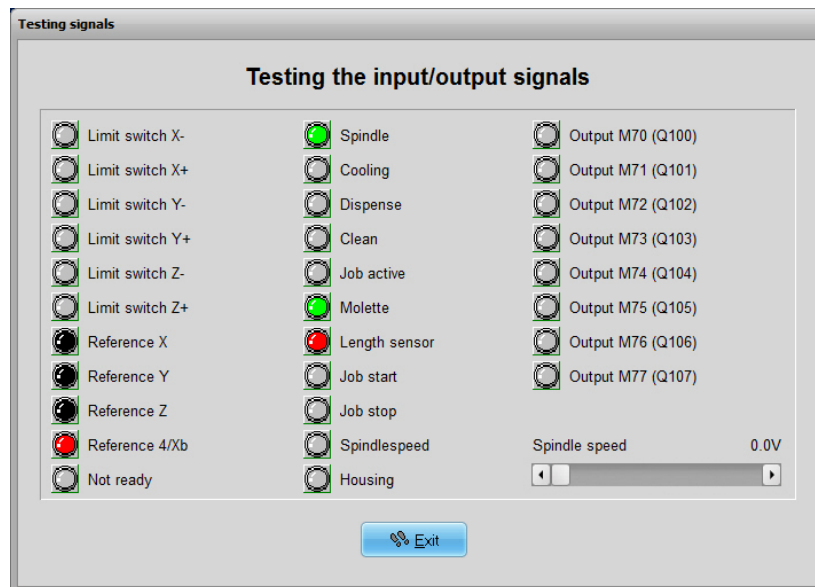


SPECIAL FUNCTIONS-SIGNAL TEST

This test function can be used for checking the axis inputs of the controller, i.e. the limit and reference switches, as well as the outputs.



Signal test

Interactive testing of all Inputs/outputs

WinPC-NC continuously interrogates the limit switches and reference switches on all supported axes and displays their status.

Grayed out switches have not already been defined or no input/output pins have been allocated.

Black indicates the switch is not active, while red displays that the switch is activated.

Definiton of the switches and setup of the switching logic must be executed during installation by the signal wizzard under parameter-basic settings-signal wizzard.

The supported additional signals are tested by simply clicking the LED symbols. This switches the outputs on or off and display changes from blue to green.

Testing the spindle speed

There is a slider in the bottom right-hand corner of the window. This sets the analog output for checking the spindle speed. It can be infinitely varied between 0V and 10V and outputs this value binary coded at LPT2 port of **ncUSB** or as an PWM signal.
