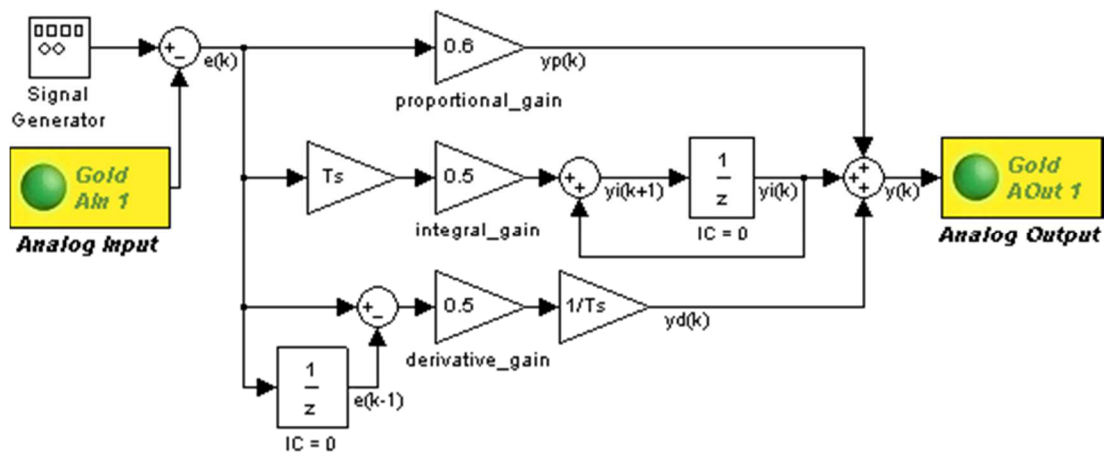


INFORMATION about ADsim

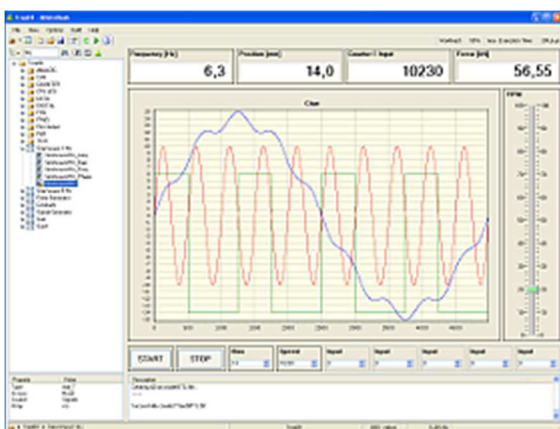
Realtime for Simulink®-Model

With **ADsim** it is easy to run Simulink® models on **ADwin** hardware. With a few clicks you add inputs and outputs of **ADwin** system as blocks in the model and generate C code. After compilation, the model in **ADwin** system is cycled at a defined speed, absolute precision and predictability of up to 100 kHz.



PID-Regler: Simulink-Modell with **ADsim**-Blocks for analog In- and Outputs

User Interface for Simulink®-Model



For development and debugging, you can view in the surface **ADsimDesk** signals and change the model parameters. About the standard **ADwin** drivers, you have the ability to create your own user interface and thereby directly access the parameters and signals of the compiled model in all common programming languages. The current model operate, test, and control is also available with the proven **ADtools**.

Requirements for *ADsim*

- Matlab® from Version 7.1
- Simulink® from Version 6.3
- Matlab Coder® and Simulink Coder®
alternative: Real-Time Workshop® (former name)
- Embedded Coder®, alternative: Real-Time Workshop Embedded Coder®
- Analog Devices VisualDSP++ Environment 5.0 orr TigerSHARC
- ***ADwin-Gold II*** or ***ADwin-Pro II***