

## RT-ToolBox3 PRO

RT-ToolBox3 PRO is an advanced simulation, design and modeling tool for Mitsubishi Electric's A, S, SD/SQ, FD/FQ and FR Series robots. RT-ToolBox3 PRO contains the full version of RT-ToolBox3 as well as the MELFA-Works plug-in for SolidWorks (a 3rd party 3D CAD Design Software). This combination allows users to leverage the power of the SolidWorks design platform by enabling complex robot simulations to be created within SolidWorks and inside of existing machine environments. Motion paths such as those with intricate curves which are normally difficult to program can be easily programmed with the snap to path function. In addition to simulation, a CAD-link function enables program creation from CAD files. Simulations can be saved as .AVI files for future use and demonstration.

### Advanced Functions Include:

- Cycle time check
- Interference check
- 3D robot motion simulation
- Work piece handling
- 3D integration to existing cells
- Hand / tool simulation
- Tool change simulation
- Program creation and debug
- CAD link function
- AVI movie creation

Model Number	Description	Stocked Item
RT-TOOLBOX3PRO-C1	RT-ToolBox3 (w/simulation) & MELFA Works plug-in for Solid Works	S
RT-TOOLBOX3PRO-SMA	RT-ToolBox3 (w/simulation) & MELFA Works plug-in for Solid Works SW maintenance agreement	S
RT-TOOLBOX3PRO-UP1	Upgrade from RT2/3 (full)	S
RT-TOOLBOX3PRO-UP2	Upgrade from RT2/3 (LT)	S
RT-TOOLBOX3PRO-UP3	Upgrade from MELFA Works	S