VIM-303
Errata

For Firmware Release.2.6.0

Scope and other documentation

This manual covers the errata (new features, and bugs or deficiencies) for VIM-303. Other relevant manuals include:

- Unboxing and Hardware Assembly Manual
- User Interface Manual
- Settings Manual
- Blockly Programming Manual
- First Picks with VIM-303 Manual

New Features

Highlights for version 2.6.0 include support for the Robotiq E-Pick gripper, Workspaces, Task Menu, and Task Editor. The Robotiq E-Pick gripper is a suction gripper with an integrated pump, eliminating the need for an external air compressor. Workspaces allow the Programmer to provide a common environment of objects, waypoints, and settings for a set of Blockly programs. For programs that need to redefine or create new objects, settings, and waypoints, new Workspaces can be created. The Task Menu supports subfolders, which creates a cleaner desktop experience for operators, allowing them to choose tasks by categories. The Task Editor allows programmers to organize tasks into subfolders and selectively show/hide tasks and subfolders. This streamlines the deployment of different versions of tasks.

1. Gripper
   - support for Robotiq E-Pick suction gripper
2. Task Menu
   - tasks are organized in subfolders for a cleaner desktop experience for operators
3. Workspaces
   - enables segregated use of objects, waypoints, and settings for sets of Blockly programs
4. Task Editor
   - create subfolders for Task Menu
   - show/hide tasks and subfolders for Task Menu
5. Blockly
   - set move type block between linear and joint moves

Hardware Issues

No known issues

Software Issues

The table below shows known issues with version 2.6.0.

Issue	Remedy
Selecting another task while one is already running causes unexpected results.	Stop a task before runing a new task.
"reset pallet" block is deprecated but still shows in Blockly toolbox	Don't use it
Setting APP:OBJECT_TOLERANCE does not show up until the first object is trained.	Train first object, then go to settings page and change APP:OBJECT_TOLERANCE. Then press Learn to retrain the object with the new tolerance.
Robotiq gripper not functional after E-Stop on Universal Robots e-series robots.	Go to local mode and scan for robotiq gripper in Installation: UR Caps menu on robot pendant.
Entering coordinates on Waypoint editor and pressing move goes to selected Waypoint instead of coordinates.	Jog or free-drive the robot to the desired location and save as a new Waypoint.
Settings are lost on power cycle if not saved.	Press Save button on Settings page after changing settings.