

	Doc or ECO #:	ECO-50216-50218-50219-001	Date:	8/16/2019	Author:	aeg
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	aeg	Date:	8/16/2019	Quality Approval:	DO

P/N #:	50216, 50218, 50219	Effective Date:	August 16, 2019
Title:	Rotating Manipulator Head Material change		

1.0 Purpose / Summary:

The PVC parts on some of the manip heads will be switched to PEEK for improved strength.
This is a modification done by the supplier (Inuktun/Edify)

2.0 Parts Affected:

Part Number	Notes	Removed	Added	Modified	REV
50216	Rotating Manipulator Parallel Jaw Attachment	☐	☐	☒	B
50218	Rotating Manipulator Trident Jaw Attachment	☐	☐	☒	B
50219	Rotating Manipulator V-Jaw Attachment	☐	☐	☒	B

3.0 Detail:

JFN/Sellafield and Van Oord had experienced breakage of the PVC components of the manip heads.
A low-risk/low-effort improvement was to switch to a stronger material.
3 of the manip heads will have all the PVC parts replaced with PEEK.

This is a supplier driven change, VideoRay is not updating any internal engineering documentation.

4.0 Disposition of Material:

- Continue to use all REV A material in all departments until depleted.
- All new orders should be REV B
- **Note: SO# 31124 REQUIRES REV B parts**

5.0 Action Items:

Action	Department	Acknowledgement Initials
• Update Epicor	Engineering	RN
• Begin ordering PEEK parts	Purchasing	NS

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6.0 Modified / Referenced Documents:

Document	Current Revision
SO# 31124	N/A

7.0 Revision History

Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	Name of Person making the Change
8-16-2019	Initial Release	Initial Release	aeg