

Polymorph-4 Retrofit Kit - Pilot Pack

Part 11 controls, Raman gating, safety patterns, and pilot scope

Date: 2025-08-26T04:57:06.000146Z

IQ Summary

- Hardware inventory logged; drivers and firmware recorded
- Network/time sync verified; safety I/O (E-Stop, door) tested
- Backup/restore steps executed

OQ Summary

- Roles created; authority checks confirmed
- Audit trail and e-sign (two-person) verified
- Raman gating thresholds and slope logic validated
- Bias set/ramp accuracy checked

PQ Summary

- Repeatability target: $\leq 5\%$ between runs
- Yield lift target: $\geq 0.5\%$ vs baseline
- Uptime target: $\geq 98\%$ during pilot

Pilot SOW (4 weeks, \$60k)

Scope: install, Raman integration, IQ/OQ, training, ROI report

Deliverables: 3 validated recipes, packages, validation docs, handover

Pricing

- Hardware + install per tool: \$75k-\$180k
- Software & support: \$2k-\$5k / month
- Optimizer add-on: \$90k / year; Validation service: \$40k / cycle