

ELECTRONIC PRODUCT CATALOG



CREAFORM
3D TECHNOLOGY AND DIGITAL SOLUTIONS



Handyscan 3D Line-up

Handyscan 3D



EXAscan [SYS-H3D-EXA]

Handheld self-positioning laser scanner system. Includes laser unit, VXelements software, ergonomic support, carrying case, connecting cables, connecting card, calibration plate, 2,500 reflective targets, 1-year warranty, parts and labor.



MAXscan [SYS-H3D-MAX]

Handheld self-positioning laser scanner system.

Including:

Scanning:

Laser unit, VXelements software, Calibration plate, Ergonomic support, FireWire cable, connecting card, Power supply, 2,500 Handyscan 3D positioning targets

Photogrammetry:

Magnetic reference cross (1), Scale bars, 1340 mm (2), 150 adhesive coded targets (no 2-150).

Carrying case, 1-year warranty on parts and labour.



REVscan [SYS-H3D-REV]

Handheld self-positioning laser scanner system. Includes laser unit, VXelements software, ergonomic support, carrying case, connecting cables, connecting card, calibration plate, 2,500 reflective targets, 1-year warranty, parts and labor.



UNIsCan [SYS-H3D-UNI]

Handheld self-positioning laser scanner system. Includes laser unit, VXelements Express software, ergonomic support, carrying case, connecting cables, connecting card, calibration plate, 2,500 reflective targets, 1-year warranty, parts and labor.



VIUsCan [SYS-H3D-VIU]

Handheld self-positioning color laser scanner system. Includes laser unit, VXelements software, ergonomic support, carrying case, connecting cables, connecting card, calibration plate, 2,500 reflective targets, 1-year warranty, parts and labor.

Accessories



Handyscan 3D Field Pack [ACC-H3D-FPK]

THE FIELD PACK INCLUDES:

+ Getac M230N fully rugged notebook, VXelements™-installed

Designed for harsh environments:

- 3 ft free drop survival
- waterproof (rain or spills)
- full magnesium alloy casing
- anti-vibration/shock rubber, anti-shock HDD housing
- resistant to temperatures from -20 to +55° C
- survival in high levels of airborne debris environments
- no contamination to the internal components possible

Computer hardware:

- Intel Core 2 Duo low voltage 1.5GHz
- 4GB RAM
- 120GB removable shock mounted HDD
- 15" high contrast sunlight readable display with touch screen option
- Windows XP Pro 64 installed
- + Photograph's premium quality mesh vest (one size fits all, black)
- + Rugged nylon harness with adjustable nylon straps and plastic hooks
- + Media Bay 18 volts battery pack with charger (6-8 hrs autonomy)
- + Pouches for battery pack and target applicator
- + Padded case for laptop
- + Padded carrying bag for scanner

Sales Notes

Delivery Period: 6-8 weeks from order date



Packages Promotional Packages



UNIScan + Rapidform XOS-H [PKG-H3D-UNI]

Included:

- UNIScan laser scanner (1yr Std Mnt included, etc)
- Rapidform XOS-H software
- 3-day training (excludes travelling fees)
- Laptop Computer (8Gb Windows® Seven pro 64bits).

MetraSCAN Line-up

System



MetraSCAN [SYS-MTR-MTR]

Optical CMM 3D scanner - MetraSCAN

Including:

Laser unit, VXelements software, Recalibration sphere, Ergonomic support, FireWire cable
Carrying case, 1-year warranty on parts and labour.



MetraSCAN & HandyPROBE with C-Track 780 [SYS-MTR-MTR780]

Optical CMM 3D scanner - MetraSCAN

Including:

Laser unit, VXelements software, Recalibration sphere, Ergonomic support, FireWire cable
Carrying case, 1-year warranty on parts and labour.

HandyPROBE - with C-Track 780

Including:

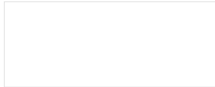
HandyPROBE probing stylus (probe adapter fixed and mobile part),

C-Track 780 dual-camera sensor, Calibration stick, Tripod, Carrying case, Universal power supply, four(4) Reflectors metal 45° shaft (Ø8mm reflector) - Height 12mm Ø6, one (1) Reflectors metal 90° shaft (Ø8mm reflector) - Height 12mm Ø6, one (1) Reflectors metal 0° shaft (Ø8mm reflector) - Height 12mm Ø6, five (5) magnetic supports for reflector on Ø 6 mm, one L20 Sphere 3 Stylus M4, one L20 Sphere 6 Stylus M4, one set of 20 black contour adhesive reflective targets Ø 8 mm, one 100mm ceramic extension, M4 stylus tool (tool used to install the probe (M4 threads) on the probe adapter), one probe adapter fixed and mobile part, Controller Unit for HandyPROBE & C-track , 1-year warranty on parts and labor.



HandyPROBE Line-up

System



C-Track 1480 [SYS-HPB-CT1480]
Including a Control Unit



C-Track 780 [SYS-HPB-CT780]
Including a Control Unit



HandyPROBE - with C-Track 780 [SYS-HPB-HPB780]

Including:

HandyPROBE probing stylus (probe adapter fixed and mobile part),
C-Track 780 dual-camera sensor, Calibration stick, Tripod, Carrying case, Universal power supply, three Reflectors metal 45° shaft (Ø8mm reflector) - Height 12mm Ø6, three magnetic supports for reflector on Ø 6 mm, one L20 Sphere 3 Stylus M4 Tungsten Carbide, M4 stylus tool (tool used to install the probe (M4 treads) on the probe adapter), one probe adapter fixed and mobile part, HandyPROBE control unit* (HandyPROBE computer. Screen and keyboard not included), 1-year warranty on parts and labor and HandyPROBE demo part.

*HandyPROBE control unit (HandyPROBE computer) includes:

SAMSUNG@SN-S083A/BE8xDVD-R/+R/+RW, 6xDVD-DL, 8xDVD-RW,CD-R/RW SATA.

WI-09 MINI ITX chassis 200w TFX power 6cm case fan.

Mini-ITX INTEL® DG45FCFSB 1333 Mhz motherboard, D DR2-667, Res-sound Video int.2*SATA300-1 PciX1.

INTEL® Core2@ Duo E8400-3 Ghz FSB1333 Mhz LGA775 processor - 6 Mb cache memory - 45nm burner.

Kit RAM 4 Gb (2*2 Gb) DDR2 800MHz (PC2-6400) KINGSTON@ timing CL5 for a total of 4 Gb memory.

1 To WESTERNDIGITAL® Caviar® BlackTM SATA 300 Mb/s-32 Mb hard drive, cache 7200 rpm. Two processors.

Operating System: Windows® Vista Business SP1 64 bits OEM ENGLISH sold with new PC only.

Connecting cables S-ATA + power supply LP4 with straight connectors for thin DVD/CD Ref: SLSATAF20.

Sales Notes

Launch price: 20% discount valid until December 31st, 2010.

Other Scan & Inspection equipments

AICON



Photogrammetry Package [SYS-AIC-PHO]

- Software Aicon 3D Studio with modules DPA, Transform, Deform, Adapter - Plug-In to PolyWorks Inspector, Geomagic to follow soon
- Camera Nikon D200 WLAN, VDI certified
- Accessory: Scale cross, 2 scale bars 740mm, Set of coded targets 2-500

API



Laser tracker 3 - 15 m [SYS-API-LT315]

API's laser trackers are measuring devices that are fast and easy to use. These trackers offer the following :

- 120 m range without any relocation and feature an extremely fast interferometric reset (TurboADM) of the laser beam after beam interruption
- Ability to be able to measure very steeply upwards or down - usable directly near big parts in restrained environments.
- Possibility to easily extend the employment spectrum of the API laser trackers with intelligent accessories such as the Intelliprobe sensor.
- Demonstrates a remarkable homogeneity regarding heat distribution and derivation, which is the main reason for their extraordinary stability.



Laser tracker 3 - 40 m [SYS-API-LT340]

API's laser trackers are measuring devices that are fast and easy to use. These trackers offer the following :

- 120 m range without any relocation and feature an extremely fast interferometric reset (TurboADM) of the laser beam after beam interruption
- Ability to be able to easure very steeply upwards or down - usable directly near big parts in restrained environments.
- Possibility to easily extend the employment spectrum of the API laser trackers with intelligent accessories such as the Intelliprobe sensor.
- Demonstrates a remarkable homogeneity regarding heat distribution and derivation, which is the main reason for their extraordinary stability.



Laser tracker 3 - 60 m [SYS-API-LT360]

API's laser trackers are measuring devices that are fast and easy to use. These trackers offer the following :

- 120 m range without any relocation and feature an extremely fast interferometric reset (TurboADM) of the laser beam after beam interruption
- Ability to be able to measure very steeply upwards or down - usable directly near big parts in restrained environments.
- Possibility to easily extend the employment spectrum of the API laser trackers with intelligent accessories such as the Intelliprobe sensor.
- Demonstrates a remarkable homogeneity regarding heat distribution and derivation, which is the main reason for their extraordinary stability.



Laser tracker Omnitrac (ADM) - 60 m [SYS-API-LTO60]

API's laser trackers are measuring devices that are fast and easy to use. These trackers offer the following :

- 120 m range without any relocation and feature an extremely fast interferometric reset (TurboADM) of the laser beam after beam interruption
- Ability to be able to measure very steeply upwards or down - usable directly near big parts in restrained environments.
- Possibility to easily extend the employment spectrum of the API laser trackers with intelligent accessories such as the Intelliprobe sensor.
- Demonstrates a remarkable homogeneity regarding heat distribution and derivation, which is the main reason for their extraordinary stability.

Software Post-processing / CAD / Inspection Software

CATIA



CATIA CAT / REE (CR) [SFT-DAS-CR]

Catia V5 software under PLM Express with reverse engineering module.
CATIA is an integrated software applications suite including all the aspects of product design, such as CAD (computer-assisted design), CAE (computer-assisted engineering) and CAM (computer-assisted manufacturing), thanks to functionalities supporting all types of collaborative products design and facilitating the seamless integration required for the integral support of the company's processes.

Sales Notes

For all CATIA sales, annual maintenance must be included



CATIA DSE [SFT-DAS-DSE]

Post-treatment workbench in Catia V5.
CATIA is an integrated software applications suite including all the aspects of product design, such as CAD (computer-assisted design), CAE (computer-assisted engineering) and CAM (computer-assisted manufacturing), thanks to functionalities supporting all types of collaborative products design and facilitating the seamless integration required for the integral support of the company's processes.

Sales Notes

For all CATIA sales, annual maintenance must be included.



CATIA DSE / QRS RE2 (DQRE) [SFT-DAS-DQRE]

Post-treatment module for Catia V5 (out of PLM Express).
CATIA is an integrated software applications suite including all the aspects of product design, such as CAD (computer-assisted design), CAE (computer-assisted engineering) and CAM (computer-assisted manufacturing), thanks to functionalities supporting all types of collaborative products design and facilitating the seamless integration required for the integral support of the company's processes.

Sales Notes

For all CATIA sales, annual maintenance must be included

Geomagic



Educational Qualify - PRC (Chinese Language Interface) [SFT-GEO-EDUQUPRC]

Includes Capture & Qualify

Sales Notes

1. Educational Maintenance is renewed once per year for all seats.
2. Specify Float or Node (Dongle not provided for EDU)



geomagic



Educational Studio & Qualify 12 [SFT-GEO-EDUCO]

Includes Capture, Wrap, Shape & Qualify

Sales Notes

Maintenance is required with all orders.

geomagic



Educational Studio & Qualify 12 Network Network [SFT-GEO-EDUCON]

Includes Capture, Wrap, Shape & Qualify

Sales Notes

Maintenance is required with all orders.

geomagic



Educational Studio Complete - PRC (Chinese Language Interface) [SFT-GEO-EDUSCPRC]

Includes Capture, Wrap, Shape & Qualify

Sales Notes

1. Educational Maintenance is renewed once per year for all seats.
2. Specify Float or Node (Dongle not provided for EDU)

geomagic

Geomagic Blade [SFT-GEO-B]

Sales Notes

Maintenance is required with all orders.

geomagic

Geomagic Blade - PRC (Chinese Language Interface) [SFT-GEO-BPRC]

Sales Notes

1. Requires Qualify 2.License type node or floating
- 3.. Specify Type of Dongle - USB or Parallel if required
- 4.. Maintenance is required with all orders.

geomagic

Geomagic Blade Network [SFT-GEO-BN]

Sales Notes

1. Requires Qualify 2.License type node or floating
- 3.. Specify Type of Dongle - USB or Parallel if required
- 4.. Maintenance is required with all orders.

geomagic

Geomagic Catia IV Importer Network [SFT-GEO-C4IMPV]



Geomagic Catia V Importer Network [SFT-GEO-C5IMPN]



Geomagic Fashion - PRC (Chinese Language Interface) [SFT-GEO-FASPRC]

Sales Notes

1. License type node or floating
2. Specify Type of Dongle - USB or Parallel if required
3. Maintenance is required with all orders.



Geomagic Qualify 12 [SFT-GEO-QU]

Geomagic Qualify compares as-designed models to the as-built condition of physical parts by comparing scan data to nominal models

Simple, easy-to-use interface requires minimal training

Compares scan-to-CAD, or scan-to-scan

Completely automatable inspection routines

Numerous alignment methods: best fit, datum-based, RPS, 3-2-1, and manual alignment

Color-mapped error display

Multiple dimension types (3D, cross-section, & GD&T)

3D primitive feature detection & analysis

Works with both scan data and CMM data

Direct import of CAD formats

CATIA, Unigraphics, Solidworks

Geomagic Capture is a scan data collection and preparation module, with the ability to interface directly with major scanning devices

Scan-to-scan alignment tools

Tooling ball detection and automatic alignment

Merges multiple scans into single polygon model (STL)

Noise reduction (point data smoothing)

Point cloud filtering (uniform or curvature-based)

Large scan data set processing (20+ million pts)

available API for customized hardware interfaces

Supports numerous import file formats

Sales Notes

Maintenance is required with all orders.



geamagic
QUALIFY

Geomagic Qualify 12 Network [SFT-GEO-QUN]

Geomagic Qualify compares as-designed models to the as-built condition of physical parts by comparing scan data to nominal models

- Simple, easy-to-use interface requires minimal training
- Compares scan-to-CAD, or scan-to-scan
- Completely automatable inspection routines
- Numerous alignment methods: best fit, datum-based, RPS, 3-2-1, and manual alignment
- Color-mapped error display
- Multiple dimension types (3D, cross-section, & GD&T)
- 3D primitive feature detection & analysis
- Works with both scan data and CMM data
- Direct import of CAD formats
- CATIA, Unigraphics, Solidworks
- Geomagic Capture is a scan data collection and preparation module, with the ability to interface directly with major scanning devices
- Scan-to-scan alignment tools
- Tooling ball detection and automatic alignment
- Merges multiple scans into single polygon model (STL)
- Noise reduction (point data smoothing)
- Point cloud filtering (uniform or curvature-based)
- Large scan data set processing (20+ million pts)
- available API for customized hardware interfaces
- Supports numerous import file formats

Sales Notes

Maintenance is required with all orders.

geamagic
QUALIFY

Geomagic Qualify including Capture - PRC (Chinese Language Interface) [SFT-GEO-QUPRC]

Geomagic Qualify compares as-designed models to the as-built condition of physical parts by comparing scan data to nominal models

- Simple, easy-to-use interface requires minimal training
- Compares scan-to-CAD, or scan-to-scan
- Completely automatable inspection routines
- Numerous alignment methods: best fit, datum-based, RPS, 3-2-1, and manual alignment
- Color-mapped error display
- Multiple dimension types (3D, cross-section, & GD&T)
- 3D primitive feature detection & analysis
- Works with both scan data and CMM data
- Direct import of CAD formats
- CATIA, Unigraphics, Solidworks
- Geomagic Capture is a scan data collection and preparation module, with the ability to interface directly with major scanning devices
- Scan-to-scan alignment tools
- Tooling ball detection and automatic alignment
- Merges multiple scans into single polygon model (STL)
- Noise reduction (point data smoothing)
- Point cloud filtering (uniform or curvature-based)
- Large scan data set processing (20+ million pts)
- available API for customized hardware interfaces
- Supports numerous import file formats

Sales Notes

1. License type node or floating
2. Specify Type of Dongle - USB or Parallel if required
3. Maintenance is required with all orders.



Geomagic Shape - PRC (Chinese Language Interface) [SFT-GEO-SHPRC]

Geomagic Shape is a NURBS surface generation module; surface creation can be manual, semi-automated, or completely automatic

- One-button automatic surface creation
- Feature-based surface patch construction
- Manual patch drawing
- Automatic U-V grid generation
- Tolerance-based surface fitting
- Templates, for use when surfacing similar shapes
- Guaranteed C1 continuity between surface patches
- Sharp edge and planar surface output options
- Supports numerous export file formats.

Sales Notes

1. License type node or floating
2. Specify Type of Dongle - USB or Parallel if required
3. Maintenance is required with all orders.



Geomagic Shape Studio (Capture, Wrap & Shape) - PRC (Chinese Language Interface) [SFT-GEO-SSPRC]

Geomagic Studio is the software platform for DSSP that enables engineering and design professionals to create accurate digital models from any physical part. Providing unparalleled automation and simplicity without compromise, Geomagic Studio allows everyone to bring reality into the digital world for design, manufacturing, analysis, and visualization.

Sales Notes

1. License type node or floating
2. Specify Type of Dongle - USB or Parallel if required
3. Maintenance is required with all orders.



Geomagic Shape Studio (Capture, Wrap & Shape)w/ Qualify - PRC (Chinese Language Interface) [SFT-GEO-SSQPRC]

Geomagic Studio is the software platform for DSSP that enables engineering and design professionals to create accurate digital models from any physical part. Providing unparalleled automation and simplicity without compromise, Geomagic Studio allows everyone to bring reality into the digital world for design, manufacturing, analysis, and visualization.

Sales Notes

1. License type node or floating
2. Specify Type of Dongle - USB or Parallel if required
3. Maintenance is required with all orders.

Rapidform



RapidformXO Academic Suite (XOR+ XOV) [SFT-RFM-XOA]

The Rapidform Academic Suite includes Rapidform XOR and Rapidform XOV. InspectWorks may be substituted for XOV upon customer request at the time of purchase.

Sales Notes

License type node, dongle or floating. One annual maintenance agreement is included with each new perpetual licence purchase.



RapidformXOR Redesign [SFT-RFM-XOR]

RapidformXOR is an advanced solid and surface modeling system for designing parametric CAD models from 3D scan data. It creates fully editable solid & surface models directly from 3D scan data, which can be opened in Solidworks with modeling history and intelligent features intact (with Pro/E, UG NX and CATIA V5 interfaces on the way). rapidformXOR also offers quick auto-surfacing for converting polygon mesh models into NURBS surface models.

- Polygon mesh model clean-up (complimentary tools to rapidformXOS).
- Intelligent alignment tools to align scans in the proper CAD coordinate system.
- Instant mesh optimization for direct use in CAE, Rapid prototyping, CAM, and visualization.
- Automatic re-meshing for generating CAE functional models.
- Redesign Assistant™ - Intelligent design intent extraction toolset.
 - o Automatic mesh region segmentation
 - o Extract extrusions, revolutions, sweeps, pipes, fillets, patterns, thickness and other feature parameters.
 - o Create sketch profiles from mesh models.
- Hybrid solid and surface modeling.
- o Highly sophisticated yet familiar by utilizing widely accepted solid and surface modeling features.
- o Modeling history management.
- o Parametric feature management.
- One button mesh-to-surface model generation.
- o Automatic shrink wrapped NURBS surface model generation.
- o Optimized representations of original polygon mesh data with negligible deviation error.
- Update the original CAD model to represent the changes in the as-built part.
- o Import CAD data into rapidformXOR and refit CAD models to 3D scan mesh models.
- Accuracy Analyzer™ - Redesign within allowable tolerances with real-time error visualization.
- Direct interface with Solidworks.
- o Direct XOR model import into Solidworks with full history and feature intelligence for solids and surfaces.

Sales Notes

License type node, dongle or floating. One annual maintenance agreement is included with each new perpetual licence purchase.

RapidformXOR Redesign Academic [SFT-RFM-XORA]

RapidformXOR Academic is an advanced solid and surface modeling system for designing parametric CAD models from 3D scan data. It creates fully editable solid & surface models directly from 3D scan data, which can be opened in Solidworks with modeling history and intelligent features intact (with Pro/E, UG NX and CATIA V5 interfaces on the way). rapidformXOR also offers quick auto-surfacing for converting polygon mesh models into NURBS surface models.

- Polygon mesh model clean-up (complimentary tools to rapidformXOS).
- Intelligent alignment tools to align scans in the proper CAD coordinate system.
- Instant mesh optimization for direct use in CAE, Rapid prototyping, CAM, and visualization.
- Automatic re-meshing for generating CAE functional models.
- Redesign Assistant™ - Intelligent design intent extraction toolset.
 - o Automatic mesh region segmentation
 - o Extract extrusions, revolutions, sweeps, pipes, fillets, patterns, thickness and other feature parameters.
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- Hybrid solid and surface modeling.
- o Highly sophisticated yet familiar by utilizing widely accepted solid and surface modeling features.
- o Modeling history management.
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- One button mesh-to-surface model generation.
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- o Import CAD data into rapidformXOR and refit CAD models to 3D scan mesh models.
- Accuracy Analyzer™ - Redesign within allowable tolerances with real-time error visualization.
- Direct interface with Solidworks.
- o Direct XOR model import into Solidworks with full history and feature intelligence for solids and surfaces.

Sales Notes

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RapidformXO Scan [SFT-RFM-XOS]

RapidformXOS offers a complete toolset for turning raw 3D scan data into high quality, watertight polygon mesh models for use in downstream applications, including rapidformXOR and rapidformXOV and 3rd party software.

- liveScan technology for real-time data capture with several popular 3D scanners
- Comprehensive point cloud clean up tools
- Triangulation technology to convert point clouds into polygon mesh models.
- Multi-scan registration to align all scan shots together.
- Advanced multi-scan merging to create complete, non-overlapping polygon mesh models.
- Intelligent hole-filling, including curvature based filling.
- Polygon mesh healing wizard.
- Decimation technology to intelligently reduce data sizes.
- Massive data handling capabilities (>30M polygons) and fast processing times with dual CPU support

Sales Notes

License type node, dongle or floating. One annual maintenance agreement is included with each new perpetual licence purchase.



RapidformXO Verifier [SFT-RFM-XOV]

RapidformXOV offers CAD deviation analysis and geometric dimensioning and tolerancing (GD&T) of 3D scanned parts for quality inspection and Computer Aided Verification (CAV). It is the world's first software for Systematic Inspection Processing™ using dense point cloud data. It is the only software of its kind that is built around the customer inspection process, with detailed planning and fast and easy execution of inspection processing. Designed to meet the most sophisticated quality control needs, it can automatically inspect highly detailed parts with no custom code writing or macros.

- All rapidformXOS functionalities are included in rapidformXOV.
- liveInspect technology for real-time inspection results from handheld 3D scanners.
 - o On-the-fly deviation color mapping while scanning.
 - o Automatic feature detection and GD&T.
 - o smartGuide on screen prompts for guided 3D scanning.
- Automatic scan data alignment.
 - o Datum-based, 3-2-1, RPS or best fit method.
- 3D & 2D deviation analysis.
 - o Color map and deviation vector display.
 - o Multiple tolerance levels and interactive color coding.
- 3D & 2D GD&T.
- Supports ANSI Y14.5B 1994 standards.
- Drag and drop report generation, with export to PowerPoint, Excel and PDF.
- 3D HTML reports for sharing inspection results via a web browser with embedded 3D models.
- One step repeat of entire inspection process

Sales Notes

License type node, dongle or floating. One annual maintenance agreement is included with each new perpetual licence purchase.



RapidformXO Verifier 2 [SFT-RFM-XOV2]

Sales Notes

License type node, dongle or floating. One annual maintenance agreement is included with each new perpetual licence purchase.



Educational PolyWorks/Modeler / Inspector(tm) (Node-Locked) [SFT-PWK-EMIN]

Including IMAlign(tm), IMMerge(tm), IMEdit(tm), IMCompress(tm), IMInspect(tm), IGES and STEP. PolyWorks/Modeler™ is a comprehensive software solution for creating accurate and smooth polygonal models and NURBS surfaces from high-density point clouds and STL files. It is the only software solution that has demonstrated the capability of creating class A polygonal models for stringent polygonal manufacturing applications such as 3-axis & 5-axis milling, aerodynamic simulation, and digital review. PolyWorks/Modeler™ also offers a powerful rapid surfacing methodology that delivers the most usable NURBS surfaces. PolyWorks/Inspector™ is a powerful software solution that uses high-density point clouds and STL files obtained from 3D sensors and contact probes systems to control the quality of parts and tools at every phase of your manufacturing process. This software uses the scanned prototypes and assembled parts point clouds or STL files in order to identify distortions and to solve problems earlier in the production cycle and to approve manufacturing processes through first articles and assembled parts inspection.

Sales Notes

All license prices include a mandatory 1-year support/maintenance contract



Educational PolyWorks/Modeler / Inspector(tm) / NURBS (Node-Locked) [SFT-PWK-EMINN]

Including IMAlign(tm), IMMerge(tm), IMEdit(tm), NURBS, Surfacing Module, IMCompress(tm), IMInspect(tm), IGES and STEP. PolyWorks/Modeler™ is a comprehensive software solution for creating accurate and smooth polygonal models and NURBS surfaces from high-density point clouds. It is the only software solution that has demonstrated the capability of creating class A polygonal models for stringent polygonal manufacturing applications such as 3-axis & 5-axis milling, aerodynamic simulation, and digital review. PolyWorks/Modeler™ also offers a powerful rapid surfacing methodology that delivers the most usable NURBS surfaces. PolyWorks/Inspector™ is a powerful software solution that uses high-density point clouds and STL files obtained from 3D sensors and contact probes systems to control the quality of parts and tools at every phase of your manufacturing process. This software uses the scanned prototypes and assembled parts point clouds or STL files in order to identify distortions and to solve problems earlier in the production cycle and to approve manufacturing processes through first articles and assembled parts inspection.

Sales Notes

All license prices include a mandatory 1-year support/maintenance contract



Educational PolyWorks/Modeler(tm) / NURBS Surf. Mod. (Node-Locked) [SFT-PWK-EMNN]

Including IMAlign(tm), IMMerge(tm), IMEdit(tm), NURBS, Surfacing Module, IMCompress(tm). PolyWorks/Modeler™ is a comprehensive software solution for creating accurate and smooth polygonal models and NURBS surfaces from high-density point clouds and STL files. It is the only software solution that has demonstrated the capability of creating class A polygonal models for stringent polygonal manufacturing applications such as 3-axis & 5-axis milling, aerodynamic simulation, and digital review. PolyWorks/Modeler™ also offers a powerful rapid surfacing methodology that delivers the most usable NURBS surfaces.

Sales Notes

All license prices include a mandatory 1-year support/maintenance contract



PolyWorks/Advanced Manufacturing Module (Floating) [SFT-PWK-AMF]

The PolyWorks Advanced Manufacturing Module is a Standard reverse engineering package that includes the optional polygonal morphing module.
 Fully supports all high-density point cloud 3D digitizers
 Includes mesh generation and editing
 Imports IGES and STEP files
 Includes polygonal morphing
 Includes quadrilateral meshing
 Includes a complimentary license of PolyWorks/Inspector Probing.

Sales Notes

The customer should already own or purchase a PolyWorks/Modeler™ + NURBS Surfacing Module (PWMN) or PolyWorks/Modeler & Inspector™ + NURBS Surfacing Module (PWMIN) license.
 The Advance Manufacturing Module qualifies for a 50% price reduction if ordered by September, 30, 2009.

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PolyWorks/Advanced Manufacturing Module (Node-Locked) [SFT-PWK-AMN]

The PolyWorks Advanced Manufacturing Module is a Standard reverse engineering package that includes the optional polygonal morphing module.

Fully supports all high-density point cloud 3D digitizers

Includes mesh generation and editing

Imports IGES and STEP files

Includes polygonal morphing

Includes quadrilateral meshing

Includes a complimentary license of PolyWorks/Inspector Probing.

Sales Notes

The customer should already own or purchase a PolyWorks/Modeler™ + NURBS Surfacing Module (PWMN) or PolyWorks/Modeler & Inspector™ + NURBS Surfacing Module (PWMIN) license.

The Advance Manufacturing Module qualifies for a 50% price reduction if ordered by September, 30, 2009.



PolyWorks/Modeler / Inspector(tm) (Node-Locked) [SFT-PWK-MIN]

Including IMAlign(tm), IMMerge(tm), IMEdit(tm), IMCompress(tm), IMInspect(tm), IGES and STEP.

PolyWorks/Modeler™ is a comprehensive software solution for creating accurate and smooth polygonal models and NURBS surfaces from high-density point clouds and STL files. It is the only software solution that has demonstrated the capability of creating class A polygonal models for stringent polygonal manufacturing applications such as 3-axis & 5-axis milling, aerodynamic simulation, and digital review. PolyWorks/Modeler™ also offers a powerful rapid surfacing methodology that delivers the most usable NURBS surfaces.

PolyWorks/Inspector™ is a powerful software solution that uses high-density point clouds and STL files obtained from 3D sensors and contact probes systems to control the quality of parts and tools at every phase of your manufacturing process. This software uses the scanned prototypes and assembled parts point clouds or STL files in order to identify distortions and to solve problems earlier in the production cycle and to approve manufacturing processes through first articles and assembled parts inspection.

Sales Notes

All license prices include a mandatory 1-year support/maintenance contract



PolyWorks/Modeler / Inspector(tm) / NURBS (Node-Locked) [SFT-PWK-MINN]

Including IMAlign(tm), IMMerge(tm), IMEdit(tm), NURBS, Surfacing Module, IMCompress(tm), IMInspect(tm), IGES and STEP.

PolyWorks/Modeler™ is a comprehensive software solution for creating accurate and smooth polygonal models and NURBS surfaces from high-density point clouds and STL files. It is the only software solution that has demonstrated the capability of creating class A polygonal models for stringent polygonal manufacturing applications such as 3-axis & 5-axis milling, aerodynamic simulation, and digital review. PolyWorks/Modeler™ also offers a powerful rapid surfacing methodology that delivers the most usable NURBS surfaces.

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CREAFORM

ELECTRONIC PRODUCT CATALOG



PolyWorks/Modeler(tm) / NURBS Surf. Mod. (Node-Locked) [SFT-PWK-MNN]

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Delcam

CATIA Import (Version3,4,5) [SFT-DEL-CATIAIM]

Delcam PowerINSPECT CNC/DCC [SFT-DEL-CNC]



Delcam PowerINSPECT Manual [SFT-DEL-PIN]



Delcam PowerINSPECT Manual Lite [SFT-DEL-PLITE]



Delcam PowerINSPECT Manual Programmer [SFT-DEL-PINOL]



Delcam PowerINSPECT OMV [SFT-DEL-PIOMV]

Includes PS-Exchange All Neutral Import & Export



Delcam PowerINSPECT OMV Pro [SFT-DEL-PIOMVP]

Includes PS-Exchange All Neutral Import & Export



Delcam PowerINSPECT Point Cloud Real Time or from a file [SFT-DEL-PIP]

Educational Delcam PowerINSPECT Manual [SFT-DEL-EPIN]



Metrologic Group



Import CATIA V5 Native for Metrolog level IV [SFT-MTG-CV5]



Metrolog XG Basic Advanced II + CAD [SFT-MTG-MIICAD]

3D geometric software with graphical interface with CAD import (delivered with one CAD interface VDA, UNISURF, SET or IGES)



Metrolog XG Basic Advanced IV [SFT-MTG-MIV]

3D geometric software with graphical interface, (basic advanced II) +3D free form software with one CAD interface (VDA, UNISURF, SET or IGES)



Metrolog XG level IV Offline [SFT-MTG-MIVO]

Metrolog level IV Offline (Manual). With no machine connection (CNC and MEPH options are required for CNC programming)



MicroLOG M (Pack Creaform) [SFT-MTG-MMPC]

Includes :

Measurement of geometric parts

- Geometric elements
- Constructions
- Referentials
- ISO Tolerancing

- Generic measurement of elements

- Automatic detection of the type of element during measurement

- Measurement of sintered components (surface)

- CAD import of any type of file IGES, VDA, CATIA V4 and V5
- Surface point
- Sections

- Control report

- Graphic report
- Report editor
- Customization

- Optical sensors support and integration of an point cloud inspection module

- Point acquisition through all types of sensors, fitted to poly-articulated arms
- Point clouds import/export
- Advanced point filtering and elimination functionalities
- Element extraction
- Defect analysis and display through surface colorization



Part Inspection Program for MicroLOG M (pack Creaform) [SFT-MTG-PIPMM]

- Programming

- Measuring program
- Tuning
- Advanced functionalities.

Point Cloud analysis module and feature extraction (Available only on level IV) [SFT-MTG-MPC]



U-LOG M [SFT-MTG-UM]

-Log XG for manual machine with IGES CAD interface and one manual software interface to be chosen* (does not work with Laser Trackers)



U-Log Point Cloud [SFT-MTG-UPC]

Point cloud module (Does not work with laser trackers)





Educational Handyscan Scanning Module (HSM) for CATIA V5 [SFT-H3D-EHSM]
Handyscan 3D data acquisition software for CATIA REE



Handyscan Scanning Module (HSM) for CATIA V5 [SFT-H3D-HSM]
Handyscan 3D data acquisition software for CATIA REE



Training Training Services

	Project Preparation / Travel rate [SER-CRE-SPREP]
	Training 3D Body Digitizers [SER-CRE-TR3D] Sales Notes Daily rate. Travel expenses and travelling time is not included in on-site training.
	Training CATIA V5 [SER-CRE-TRCV5] Sales Notes Daily rate. Travel expenses and travelling time is not included in service.
	Training CMM [SER-CRE-TRCMM] Sales Notes Daily rate. Travel expenses and travelling time is not included in service.
	Training EM Software [SER-CRE-TREM] Sales Notes Daily rate. Travel expenses and travelling time is not included in on-site training.
	Training GD&T [SER-CRE-TRGDT] Sales Notes Daily rate. Travel expenses and travelling time is not included in on-site training.
	Training HandyPROBE [SER-HPB-TRHPB] Sales Notes Daily rate. Travel expenses and travelling time is not included in service
	Training Handyscan 3D [SER-H3D-TRHS3D] Sales Notes Daily rate. Travel expenses and travelling time are not included in on-site training.



Training Kreon [SER-CRE-TRKRE]

Sales Notes

Daily rate. Travel expenses and travelling time is not included in on-site training.



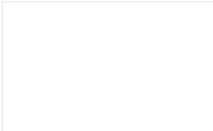
Training Laser Tracker [SER-CRE-TRLT]

Sales Notes

Daily rate. Travel expenses and travelling time is not included in service.



Training Long range scanner [SER-CRE-TRLR]



Training MetraSCAN [SER-MTR-TRMTR]

Sales Notes

Daily rate. Travel expenses and travelling time are not included in on-site training.



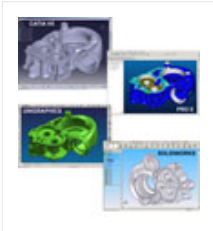
Training Scan post processing software [SER-CRE-TRPPS]

Sales Notes

Daily rate. Travel expenses and travelling time is not included in on-site training.



Services CAD / Scan / Inspection Services



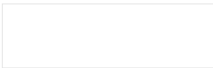
CAD 3D Data File Format Exchange [SER-CRE-C3DDEX]

Sales Notes
Hourly rate. Travel expenses and travelling time is not included in service.



CAD class A Surfacing [SER-CRE-CLASSA]

Sales Notes
Hourly rate. Travel expenses and travelling time is not included in service.



CAD Engineering Surfaces [SER-CRE-RES]



CAD services (at Creaform) [SER-CRE-CARE]

Computer Aided Design Services at Creaform

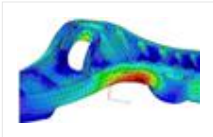


CMM Inspection [SER-CRE-SCMI]

Sales Notes
Hourly rate. Travel expenses and travelling time is not included in service.



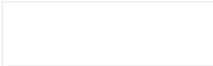
CMM Operator [SER-CRE-SCMO]



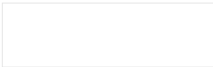
Finite Element Analysis [SER-CRE-CFEA]

Sales Notes

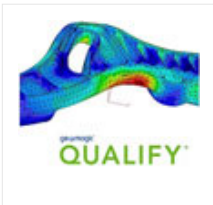
Hourly rate. Travel expenses and travelling time is not included in service.



Helper Laser Tracker / Long Range [SER-CRE-SHEL]



Inspection Reports – From Metrology[SER-CRE-SIRMET]



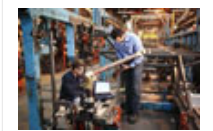
Inspection Reports - from scanned data [SER-CRE-SIRGEO]



Laser Tracker Inspection [SER-CRE-SLTI]

Sales Notes

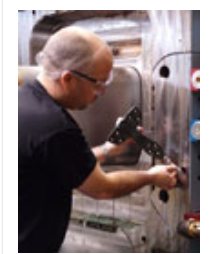
Daily rate. Travel expenses and travelling time is not included in service.



Portable CMM Inspection [SER-CRE-SROI]

Sales Notes

Hourly rate. Travel expenses and travelling time is not included in service.



Probing Services - HandyPROBE [SER-HPB-HPBP]

Sales Notes

Hourly rate. Travel expenses and travelling time is not included in service.



Projects Management [SER-CRE-CGES]



Surfacing - RE software [SER-CRE-SRES]
CAD surfaces