Comparison of the function volume of PointCloud and PointCloud Pro (version 6.0)

FEATURE LIST		PointCloud	PointCloud Pro
Insert point cloud		x	x
Set current point cloud		x	x
Set point cloud parameters (average distance, noise)		x	x
Set preferred point cloud format		x	x
Manage kubit point clouds (PTC)			
Load point cloud		x	x
Unload point cloud		x	x
Merge point clouds		x	x
Crop point cloud		x	x
Set grip position		x	x
Settings for display performance		x	x
Show/Hide Bounding Box of point clouds		x	x
Show/Hide grip of point clouds		x	x
Modify point size		x	x
Manage AutoCAD point clouds (PCG) [AutoCAD 2011]			
Convert kubit point cloud to AutoCAD point cloud		x	x
Reindex AutoCAD point cloud		x	x
Set point density for modeling tools		x	x
Optimize display		x	x
Import			
Import point cloud (ASCII)		x	x
Import Leica HDS PTZ files		x	x
Import Riegl RiSCAN Pro rsp - project file	- point cloud	x	x
	- oriented image		x
	- orhto image	x	x
Reconstructor - import orhto image		x	x
Trimble RealWorks Survey - import ortho image		x	x
Sections			
Define slice	- parallel to UCS planes	x	x
	- around a planar AutoCAD object		
Shift slice		x	x
Change slice thickness		x	x

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FEATURE LIST		PointCloud	PointCloud Pro
Define multiple slices	- parallel to UCS planes	x	x
	- along an AutoCAD curve object	x	x
Define clipping box		x	x
Define section inside a polygon		x	x
Define section outside a polygon		x	x
Restore previous section definition		x	x
Section manager	- show/ hide sections	x	x
	- create new sections	x	x
	- colour sections	x	x
	- export sections	x	x
	- conjunction of sections	x	x
	- sorting	x	x
	- load/save/copy section definitions	x	x
Digitizing tools			
Set elevation (from point)		x	x
UCS from plane			x
UCS from slice		x	x
Clash detection			x
Modeling 2D			
Fit outline plan			x
Fit outline plan - with restrictions			x
Fit polygon			x
Draw circle through 3 points (independent from UCS)			
Draw arc through 3 points (independent from UCS)			
Modeling 3D			
Cylinder			
Fit cylinder			x
Draw cylinder			x
Connect cylinders	with torus		x
	with elbow		x
	with cylinder		x
Insert reducer			x
Intersection of cylinders			x
Center cylinder (to a reference cylinder)			x

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FEATURE LIST	PointCloud	PointCloud Pro
Bend cylinder (to a reference cylinder)		x
Explode cylinder to axis line		x
Explode cylinder to an AutoCAD 3D solid		x
Create pipeline		x
Plane		
Fit plane		x
Fit plane - with restrictions		x
draw plane		x
Modify plane - Extend (2 planes)		x
Modify plane - Intersection line (2 planes)		x
Modify plane - Intersection point (3+ planes)		x
Modify plane - New rim		x
Modify plane - Modify rim		x
Working with images		
Insert oriented image (kubit ORI format)		x
Insert raster image		x
Manage control points (define, import, adjust size, align, search)		x
Set UCS from view		x
Image orientation		x
Camera view and navigation		x
Modify display style of oriented images		x
3D Drawing with oriented images and surfaces (point cloud, plane, cylinder)		x
3D Drawing - Intersection point from 2 images		x