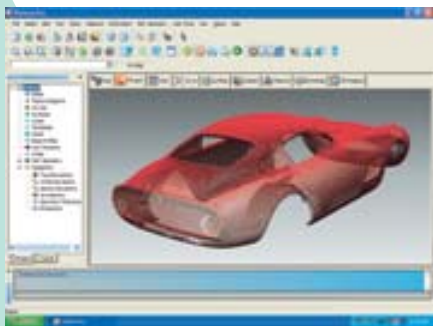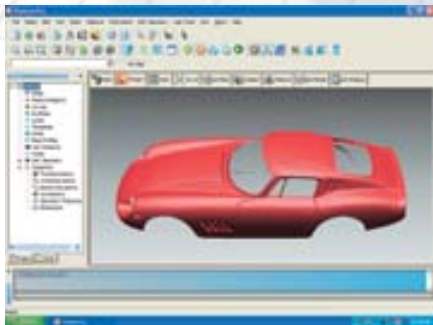# Roland®

3D LASER SCANNER
LPX-1200

Quickly and Accurately Converts Physical Objects into 3D Models
Complete, User-Friendly System — Scanner and Reverse Modeling Software

Features:

- Fast and accurate non-contact laser sensor
- Easy operation with Dr. PICZA3 operating software and USB connection
- Pixform Pro professional reverse modeling software included
- Supports robust polygon to NURB surface conversion
- Converts objects into 3D data at highly-accurate 0.1mm (0.0039") pitch
- Scans objects up to 130mm (5") in diameter and 203.2mm (8") high

LPX-1200 Specifications

	LPX-1200
Table size	Diameter 130 mm (10 in.)
Maximum scanning area	Plane scanning: Width 130 mm (5 in.), height 203.2 mm (8 in.) Rotary scanning: Diameter 130 mm (5 in.), height 203.2 mm (8 in.)
Scanning pitch	Plane scanning: width direction 0.1 to 130 mm, height direction 0.1 to 203.2 mm Rotary scanning: circumference 0.18 to 3.6 degrees, height direction 0.1 to 203.2 mm
Repeat accuracy	±0.05mm (This figure reflects standard scanning conditions established by Roland DG.)
Maximum table load weight	5 kg
Interface	USB interface (compliant with Universal Serial Bus Specification Revision 1.1)
Power supply	Dedicated AC adapter Input: AC 100 to 240 V ±10% 50/60 Hz 1.0A Output: DC 19 V, 2.1 A
Power consumption	Approx. 20W (including AC adapter)
Dimensions	443 [W] X 396 [D] X 609 [H] mm (17-7/16 [W] X 15- 9/16 [D] X 24 [H] in.)
Weight	35 kg
Environment	Temperature: 10 to 40°C (50 to 104°F) (25°C [77°F] or more recommended) Humidity: 35 to 80% (no condensation)
Included items	AC adapter, power cord, CD-ROM, clay, user's manual, Roland Pixform Pro

System Requirements for the Software

	Dr. PICZA and 3D Editor	Pixform Pro
Operating system	Windows XP/2000/Me/98	Windows XP/2000/Me/98/NT4.0 (SP6 or higher)
CPU	Pentium II or higher	Pentium or AMD Athlon
Memory	128 MB or more	512 MB or more (1GB or more is recommended)
Free hard-disk space required for installation	Dr.PICZA3: 20 MB or more 3D Editor: 10 MB or more	800 MB or more (Additional 400 MB for tutorial sample files)

CLASS 1 LASER PRODUCT
LASERPRODUKT KLASSE 1
PRODUIT LASER CLASSE 1
PRODOTTO LASER CLASSE 1

Roland ®

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