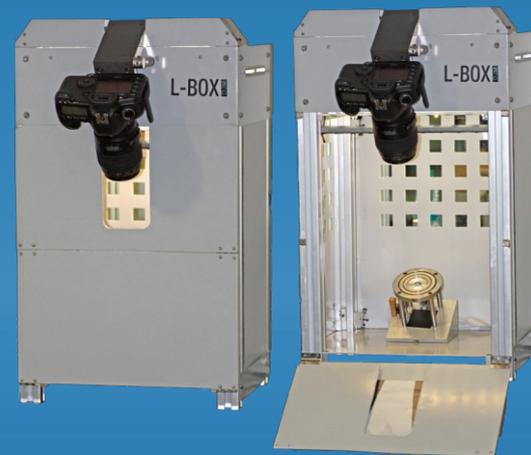


# L-BOX

Diamond Jewellery Movie Machine

2D-3D



## Introduction:

- ↪ The diamonds are unique due to their breath taking brilliance, fire and scintillating performance. The value of the diamond depends on 4Cs, namely Carat, Color, Clarity and Cut. When it comes to Clarity and Cut, the certificate do not speak a lot. The diamond's value greatly depends on the way it performs for the buyer. But not much information is available to display it in a way a consumer will appreciate.
- ↪ E-business has a very important role to play in the way diamond will be traded in near future. Many manufacturer's / Jeweler's websites furnish a lot of numerical information, which do not make much sense to the retailer / consumer. Most of the time, inclusion information provided on the website is overdone. There are not many means to display the static and dynamic beauty of the diamond / the piece of Jewelry.
- ↪ Lexus-OctoNus is introducing L-BoxDJM for diamond and jewelry manufacturers. This Light Box will allow the manufacturer to prepare images and movies for the diamond and diamond jewelry.

## Technology:

- ↪ In this innovative newly developed Light Box, an interactive HDR environment can be created to display brilliance and / or fire of a mounted or a loose diamond. The successive images of the diamond are taken to build 2D / 3D movie.
- ↪ These movies can be played under specially built OctoNus stereo viewer or DiamCalc viewer or Apple QuickTime movie viewer. Two diamonds can be played together to make comparison.
- ↪ Various interactive movements to replicate hand movement or head movement can be defined to create and play movie. A specially developed 2 axes Gonio allows to make varied movement, controlled thru software. Various lights including white light, warm white light as well as LED lights can be independently controlled to create required imaging environment.
- ↪ Various stone holders are developed to hold diamonds with great ease.



# Which Diamond / Jewelry pieces are suitable for movie making?

- Every piece of polished loose diamond can be held in the fixture to create the movie. Rings and ear studs can also be easily pictured. Special fixtures can be developed to picture large jewelry pieces like Bangles, Neck lash, etc.
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# Which Camera and Lens will be used?

- We have developed our hardware & software based on Canon DSLR camera and Macro lens. We will supply you the detail specification of the camera and lens, which needs to be bought and supplied to us, to build the complete system. The system will be installed on your computer.

## SPECIFICATIONS

- Weight : 25 kg
- Dimension : 635 X 300 X 400 mm
- Supply : 220 VAC , 50 HZ , 1 Phase
- Computer System : Intel Core i7
- Operating Systems : Windows7-32bit

Optional :



Pendant



Earring



Ring

