



Modular  
recording system for  
professional 3D  
product photography

360°

Full-3D

**XY**IMAGER.com

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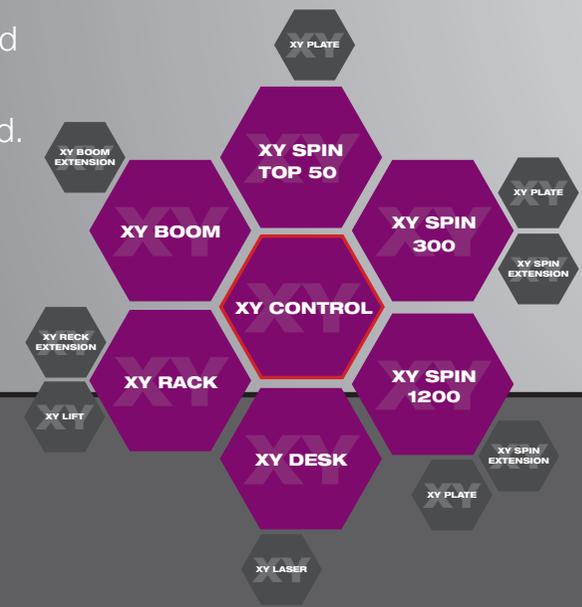
Made in Austria



# The modular recording system for professional product photography in **360°** and **Full-3D**

Photo studios require functional and flexible equipment to swiftly adapt to the various shooting situations. Time is money, making it important to have a system which can be simply adapted to very versatile requirements.

The system from **XY IMAGER** was developed by photographers for photographers and offers precisely the solutions described.



# A modular system for all shooting situations



- ✓ Just one system for all shooting situations
- ✓ One control unit for all devices
- ✓ Computer-independent control
- ✓ Devices usable independently from each other
- ✓ Transportable display
- ✓ Numerous logically arranged functions
- ✓ Swift and simple change of state for wide-ranging shooting requirements



Examples of shooting situations

**XY CONTROL**

## The central control unit



With **XY CONTROL**, the central control unit, all work processes are controlled and synchronised. **XY CONTROL** is completely computer-independent and controls the camera as well as all **XY** units without other equipment. This eliminates the need for adaptations to different operating systems. The simple control via the portable touch monitor is quick to learn, even for beginners. All cable connections are standardised and universally available in various lengths.

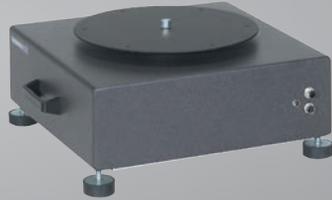
To operate, enter the number of images in 360 degrees and for full 3D, the axes of the **XY BOOM** robot arm. **XY CONTROL** calculates the angle and controls the camera resolution as well as all movements automatically. To enable any animations of the subject, the process can easily be suspended, resumed on a step-by-step basis, and subsequently automatically ended.

The closed image sequences of the **XY SPIN** rotary unit and the axle positions of the **XY BOOM** are clearly displayed. To set up the subjects, all movements are manually controllable and the recording program can be started from any angle. No zero positioning is required.

- ✓ Central control unit for all **XY IMAGER** devices
- ✓ Simple control via touch monitor
- ✓ Computer-independent
- ✓ Portable display

# XY SPIN – the suitable rotary module for each application

## XY SPIN TOP 50



**XY SPIN TOP 50** is the smallest rotary unit, with a central loading capacity of up to 50 kg. It can be used as a rotary table with plates of up to 120 cm or also as a suspended device on the **XY RACK**. The synchronisation in terms of movement with **XY SPIN 300** then proceeds automatically. The crosshair-laser can be directly connected to the rotary unit, whereby the control is central from the **XY CONTROL**. Within the delivery scope, there is a mounting plate for recording discs of up to 120 cm in diameter.

- ✓ Can be centrally loaded up to 50 kg
- ✓ Usable as a floor-mounted or suspended device
- ✓ Runs synchronised with **XY SPIN 300**
- ✓ Direct connection for the crosshair-laser **XY LASER**

## XY SPIN 300



**XY SPIN 300** is the multifunctional standard rotary unit of the **XY IMAGER** and can be centrally loaded up to 300 kg. It can be loaded as a rotary table with discs of 70 to 230 cm. An additional slewing ring with ball bearings ensures more stability and loading capacity. A synchronisation in movement with **XY SPIN TOP 50** is automatically performed. The crosshair-laser can be directly connected to the rotary unit, the control of which is central, from **XY CONTROL**. The delivery scope includes 4 arms to support the recording discs. For larger recording discs it is advisable to use the optionally available roller support as well as the support foot extension.

- ✓ Can be centrally loaded up to 300 kg
- ✓ Recording discs available in various sizes
- ✓ Stand-alone or usable in **XY DESK**
- ✓ Integrated carry handle for ease of handling
- ✓ Direct connection for the crosshair-laser **XY LASER**

## XY SPIN 1200



**XY SPIN 1200** is a rotary unit for central loads of up to 1200 kg. It is mainly used in a fixed installation for large turntables. A very strong drive with a slewing ring using ball bearings ensures enormous loading capacity. The synchronisation in the movement with **XY SPIN TOP 50** is also possible with this device.

- ✓ Can be centrally loaded up to 1200 kg
- ✓ For fixed installation
- ✓ Recording discs adaptable depending on the desired size

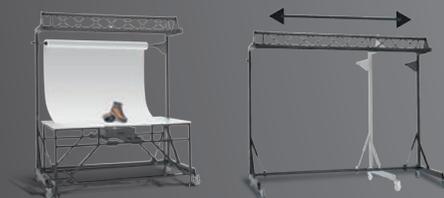


## The multifunctional carrier system

**XY RACK** is a multifunctional and individually expandable carrier system. It functions as a mounting for **XY SPIN TOP 50** or **XY LIFT** and is stable enough to carry even heavy items. A standardised plug-in system facilitates the longitudinal adjustment of the **XY RACK**. A background holder is included in the delivery scope.

**XY LIFT** also makes it possible to use the **XY RACK** as a lifting aid, e.g. to position heavy loads on a 2 metre disc.

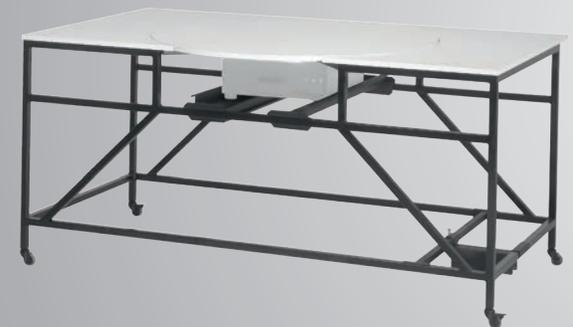
- ✓ **XY Lift** can handle load of up to 200 kg
- ✓ With background suspension
- ✓ Clearance height easily expandable



## The multifunctional shooting table

Shooting table for **XY** rotary units selectable for **XY SPIN TOP 50** or **XY SPIN 300**. With a turntable of 120 cm in diameter, large objects can be displayed. The stable table fits precisely under the **XY RACK** and can be combined together with the **XY SPIN TOP 50** to form a single unit.

- ✓ Stable construction
- ✓ Rollers for simple handling
- ✓ Fits perfectly in the **XY RACK**



## XY PLATE

### The suitable turntables for **XY SPIN**

The **XY PLATE** recording discs are available in numerous sizes.

- XY PLATE 70** Ø 70 cm
- XY PLATE 120** Ø 120 cm
- XY PLATE 205** Ø 205 cm



## XY FIRM

### Roller supports for large **XY PLATES**

**XY FIRM** - the stable roller support for large rotary discs with 3-point height adjustment



## XY LIFT 200

### The lifting aid, as an add-on to the **XY RACK**

**XY LIFT 200** helps lift large, heavy objects and position them on the **XY SPIN**.



## XY LASER

### Crosshair-laser as a positioning aid

**XY LASER** crosshair-laser - positioning aid with adjustable magnetic holder, versatile, direct connection to **XY SPIN**, central control via the touch monitor



**XY BOOM**

## The robot arm for perfect **FULL-3D** recordings

With **XY BOOM**, create FULL-3D illustrations to enable the products to be turned via the horizontal as well as vertical axis. The number of angles is freely selectable. The height of the arm is electrically adjustable. With a maximum arm length of 4 metres, even very large objects can still be perfectly displayed. While in the park position, the **XY BOOM** takes up minimal storage space.

- ✓ Electric height adjustment
- ✓ 4 metre extended length
- ✓ Full-3D with as many angles as desired
- ✓ Space-saving park position





A 3D product presentation requires a photo shoot in 360° and multiple axes – in turn the single images must be synchronized in the X and Y axis.

Using **XY BOOM**, the number of axes as well as the start- and end position is freely selectable. The required angles between the axes are automatically calculated.

In a series of images the last setting value can be accessed again and again. Depending on the extension length the movement speed is selectable.





**XY CONTROL** - Central computer-independent control unit for all XY IMAGER devices. Touch screen.



**XY SPIN TOP 50** - Smallest rotary unit. At 50 kg Can be centrally loaded. Usable floor-mounted or suspended.



**XY SPIN 300** - Multifunctional standard rotary unit. Can be centrally loaded up to 300 kg. With a slewing ring with ball bearings.



**XY SPIN 1200** - Large rotary unit. Can be centrally loaded with 1200 kg. Particularly strong drive and with a slewing ring with ball bearings. For fixed installation.



**XY BOOM** - robot arm for full 3D shooting. Electric height adjustment. 4m extended length for large objects.



**XY DESK** - shooting table suitable for the rotary units XY SPIN TOP 50 and XY SPIN 300. Fits perfectly into the XY RACK.



**XY RACK** - Multifunctional carrier system with back-ground suspension. Can be loaded with XY LIFT up to 200 kg. Clearance height easily expandable



**XY LIFT 200** - lifting aid, up to 200 kg for XY RACK



**XY PLATE 70** - Recording disc 70 cm white with edge coating, suitable for fixed assembly to XY SPIN TOP 50



**Anchoring for XY BOOM** -Vibration damping for robot arm with extension over 3 metres



**XY RACK-diversification 100** black - 100 cm with fitting elements



**XY LASER** crosshair-laser - positioning aid with adjustable magnetic holders, versatile, direct connection to XY SPIN, can be centrally controlled via the touch monitor



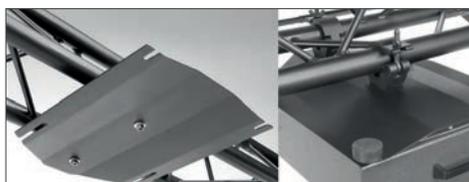
**XY PLATE 120** - Recording disc 120 cm white with edge coating, standard disc for XY DESK shooting table, or as variable recording disc for XY SPIN 300



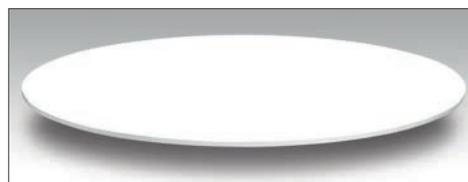
**Support expansion XY SPIN 300** - required for disc sizes from 2m in diameter



**Control cable** 3m | 5m | 8m simple



**Flange plate** - suspension device for use of XY SPIN TOP 50 rotary module as a suspended barring gear on XY RACK



**XY PLATE 205** - recording disc 205 cm white with edge coating, variable recording disc for XY SPIN 300, ideal in connection with XY FIRM roller supports



**Stand widening** - for XY SPIN 300 rotary module, improved stability required for large recording discs



**XY LASER - Extension cable 1m**



**Tie rod 100** - for assembly of suspended objects on XY SPIN TOP 50



**XY FIRM** - stable roller support for large rotary discs with 3-point height adjustment



**Positioning aid XY BOOM** - for robot arm with shooting table XY DESK

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