

*The UTS03 is part of a complete range of BALTEAU NDT stands making the use of X-ray generators and tubeheads easier and more convenient for the operator.*

*The positioning of the X-ray source is decisive and essential to the success of an exposure. The UTS03 can be adapted with all directional tubeheads (up to 450kV tubehead) of the Baltograph range. Each tubehead or generator maybe mounted on the stand with an adapted support.*

*The UTS03 is very compact and has been designed to ease handling and transportation of heavy equipment.*

### **Steel structure and stability**

Due to the heavy weight of a stationary unit, the assembly is made out of welded Steel tubes. The structure is painted and therefore protected against external corrosion. Wheels are swivelling and made to move freely on hard surfaces. Weights are distributed on the surface in such a way that stability on flat surfaces is ensured even with the tube at full height. The structure also offers an irradiation surface right under the tube for workshop applications like small components radiography that can be placed flat under the tube.

### **Tube handling**

The tube is handled by a steel handling circle that comes around the tube guides which allows it to move on its own axis. The tube can be moved up and down (Z axis) by a motor and can rotate on its longitudinal and vertical axis. This stand can move up to 120kg. The height of the focal spot is adjustable between 500 mm and 1900 mm by using the electrical control unit. The tubehead position is secured by two independent steel wires and can not drop along its vertical axis.

### **Compactness and mobility**

As the structure handles everything from the cooling unit to the generators and the tube; it is then very easy to place this in tiny areas where space is missing. With a width of 660mm and a height that can be reduced to 1400mm this unit is able to fit even in small doors. The 4 wheels and the guidance handle allow the operator to move



UTS/03  
for  
XSD450

the equipment smoothly in any direction. This arrangement can also be considered as a real mobile structure as the XMD serie but for occasional mobile operations on flat and hard surfaces. The cooling unit is placed on a small platform equipped with four directional wheels. This platform is hooked at the front of the UTS. This allows the cooling unit to be moved with the UTS but also to be unhooked from the UTS and be installed at another place in the room where the unit is to be operated.

### **Protection**

Vertical and horizontal leaded plates (10 mm lead vertically and 5 mm lead horizontally) protect the X-ray generators against X-ray direct and secondary radiation through



UTS/03 for XSD450  
Complete assembly

## Specifications

Mechanical	
Eg: UTS/03 for XSD450 Weight: +/-200kg	
Quality assurance	CE manufacturing process
Electrical	
Power Supply	VAC 230 (50 Hz)
Max Power	W 250
Misc	
Support adapted to the tubehead, electrical control, 4 wheels and guidance handle	

### Producer

**Balteau NDT sa**  
 Voie de Liège, 12  
 B-4681 Hermalle Sous Argenteau  
 BELGIUM

Tel.: +32 4 374 75 75  
 Fax: +32 4 374 75 85  
 E-mail: [balteau@balteau-ndt.com](mailto:balteau@balteau-ndt.com)  
 Website: [www.balteau.com](http://www.balteau.com)

### Distributor

