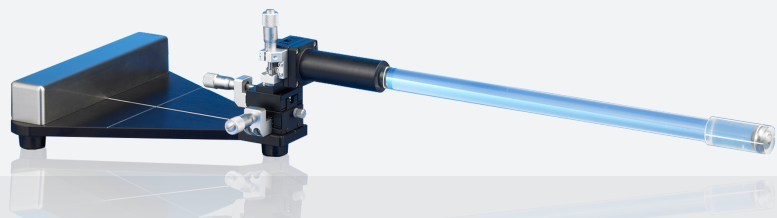


Winston-Lutz Wand QUASAR BY MODUS QA

Aligning the lasers to the true radiation isocenter



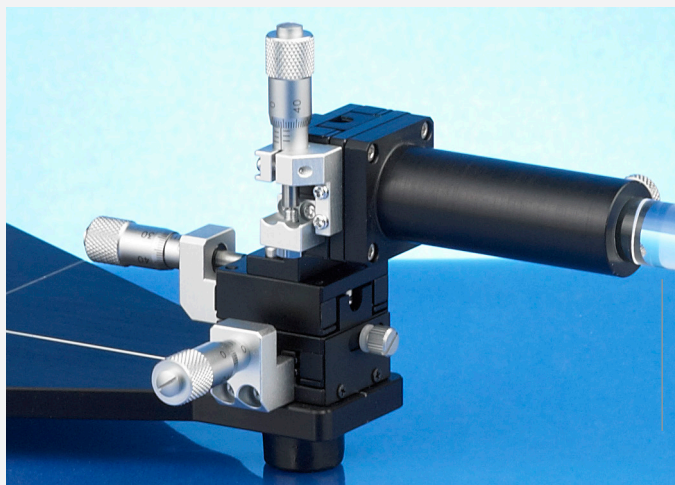
规格

- ▶ 7/16 " 钢制 BB 嵌入丙烯酸棒中
- ▶ XYZ 微型定位台
 - 行程：+/- 3 毫米
 - 执行器导程：0.5 毫米/转
 - 千分尺可读分辨率：0.01 毫米

- ▶ 平衡支架，方便使用
- ▶ 与多个供应商的 LINAC 和 EPID 兼容
- ▶ 配有方便的存储和携带盒

QUASAR Winston-Lutz Wand 是一种与 MV Beam 和门控成像仪配合使用的设备，可以亚毫米级精度识别直线加速器的真实辐射等中心。

与其他同类产品相比，该设备的主要优势在于，所有 3 个轴均可使用内置千分尺进行微调。这样，用户便可以将 QUASAR Winston-Lutz Wand 精确地放置在放射等中心点上。从这个位置，用户只需将激光器与 Wand 上的标记对齐，即可将激光器调整到真正的辐射等中心点。



Above: Close-up of the precise XYZ micrometer adjustment assembly.

该程序的根本优势在于，真实放射等中心点和室内激光之间的一致性达到亚毫米级。虽然这种类型的设备包含在购买 SRS/SBRT 套件中，但 Modus 为那些想要达到这种精度水平而又不想花费购买 SRS 套件的人提供了一种经济实惠的替代方案。

客户评价



QUASAR Winston-Lutz 魔杖是确认直线加速器真实等中心的理想工具。它设置快捷方便，并且所有三个轴（x、y 和 z 平面）都具有微米级调节功能。这有助于与真实等中心对齐，魔杖上的锐利激光标记清晰明确。

Peter A. Goyer, MS, DABR // Lewistown Hospital

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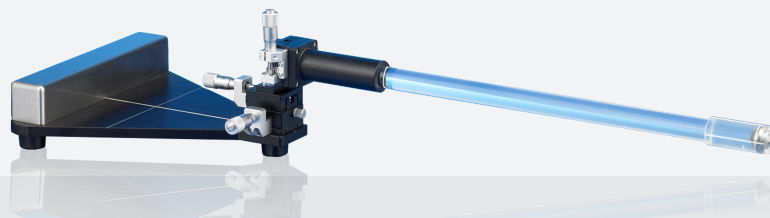
QQ：274798107 电话：0755- 28896837 地址：深圳市龙岗区沙平北路111号6008

网址：www.medicalQC.com 邮箱：szchina1718@163.com

MODUS QA
TRUSTED ACCURACY

Winston-Lutz Wand **QUASAR** BY MODUS QA

Aligning the lasers to the true radiation isocenter



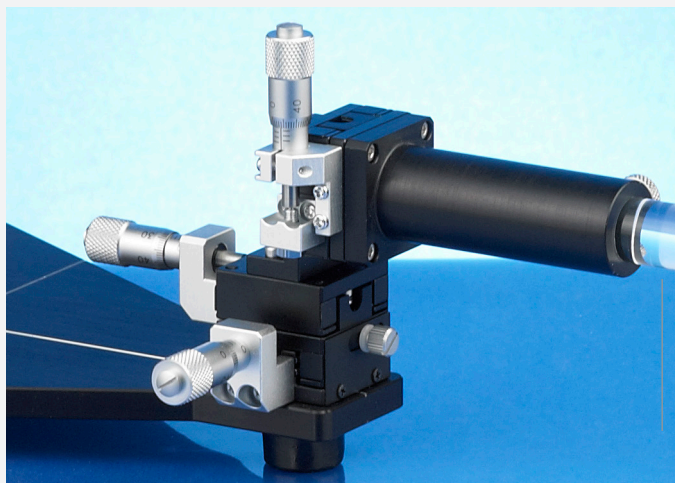
SPECIFICATIONS

- ▶ 7/16" Steel BB embedded in acrylic wand
- ▶ XYZ Micro Stage for positioning wand
 - Travel : ± 3 mm
 - Lead of Actuator: 0.5 mm/rotation
 - Micrometer Readable resolution: 0.01 mm

- ▶ Counterbalanced stand for ease of use
- ▶ Compatible with LINACs and EPIDs from multiple vendors
- ▶ Comes with a convenient storage and carrying case

The QUASAR™ Winston-Lutz Wand is a device used in conjunction with the MV Beam and portal imager to identify the true radiation isocenter of the linear accelerator with submillimeter accuracy.

The primary advantage this device has over other similar products is that all 3 axes can be micro adjusted using the built-in micrometers. This allows the user to place the QUASAR™ Winston-Lutz Wand precisely at the radiological isocenter. From this position, users simply bring the lasers into alignment with the marks on the wand, thus tuning the lasers to the true radiation isocenter.



Above: Close-up of the precise XYZ micrometer adjustment assembly.

The fundamental benefit of this procedure will provide submillimeter agreement between the true radiological isocenter and the room lasers. While this type of apparatus is included in the purchase of SRS/SBRT packages, Modus has provided an economical alternative for those who want to achieve this level of accuracy without the expense of purchasing a SRS package.

TESTIMONIALS

The QUASAR™ Winston-Lutz Wand is the ideal tool to confirm a linear accelerator's true isocenter. It is quick and easy to set-up, and has micrometer adjustment for all three axes (x,y, and z planes). This facilitates the alignment with the true isocenter and the sharp laser marks on the wand are clear and definitive.

Peter A. Goyer, MS, DABR // Lewistown Hospital

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