WEK-442 Centered Calibration Instrument

>>>Instruction<<<

1. Product Introduction and Structure

A.1. Module Introduction

WEK-442 Centering Calibration Instrument, WEK-442 Centering Calibration Mold, WEK-442 Centering Calibration Plate Detailed Introduction:

WEK-442 Centering Calibration Instrument, used for testing the accuracy calibration of laser positioning devices, linear accelerators, and simulation machines in daily quality control.

- Verify the mechanical alignment and accuracy of the accelerator
  - The rotation center of the frame
  - The indication of the frame rotation angle
  - The rotation center of the collimator
  - The intersection point of the rotation center of the gantry and the bed
  - The stability of the collimator rotation
- Inspection of accelerator radiation center
  - Correction of light beam field parallelism
  - Verification of light beam field consistency
- Verification of crosshair indication in the light field
- Verification of fixed laser light indication
- Verification of distance ruler indication.

The WEK-442 isocenter calibrator is also known as WEK-442 isocenter calibration phantom or WEK-442 isocenter calibration plate.

WEK-442 isocenter calibration instrument specifications and dimensions (customizable, units: mm)

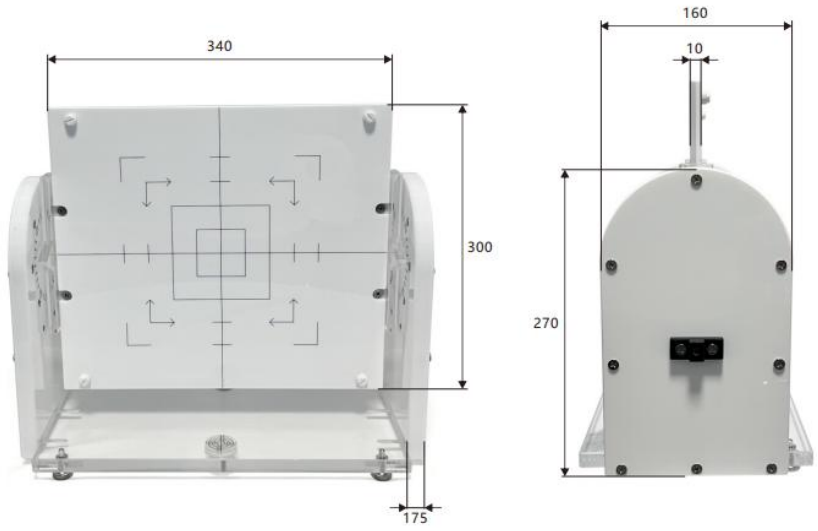


Figure A. 1 Schematic Diagram of Equal Center Calibrator

Email:ivylin@hkmedqc.com
web:http://www.hkmedqc.com
19H Maxgrand plaza,No.3 Tai Yau Street, San Po Kong,Kowloon,hk

A. 2. Technical Specifications of WEK-442 Centric Calibrator

1	Verification of the position and accuracy of the accelerator mechanical isocenter	- Rack travel center - Rack turning angle indication - Collimator rotation center - Intersection point of the bed's circumferential rotation and travel center - Stability of the collimator rotation
2	Inspect the radiation center of the accelerator	-Alignment correction of the light beam field and verification of the consistency of the light beam field distribution
3	Crosshair alignment calibration	
4	Fixed laser light indication verification	
5	Distance ruler indication verification.	

Pack the mold in the box





Material	Total weight(kg)	Dimensions of the box outside(cm)	Dimensions of the box inside (cm)
Plastic box	9.9	50x38.5x34	44.5x32.5x26.5