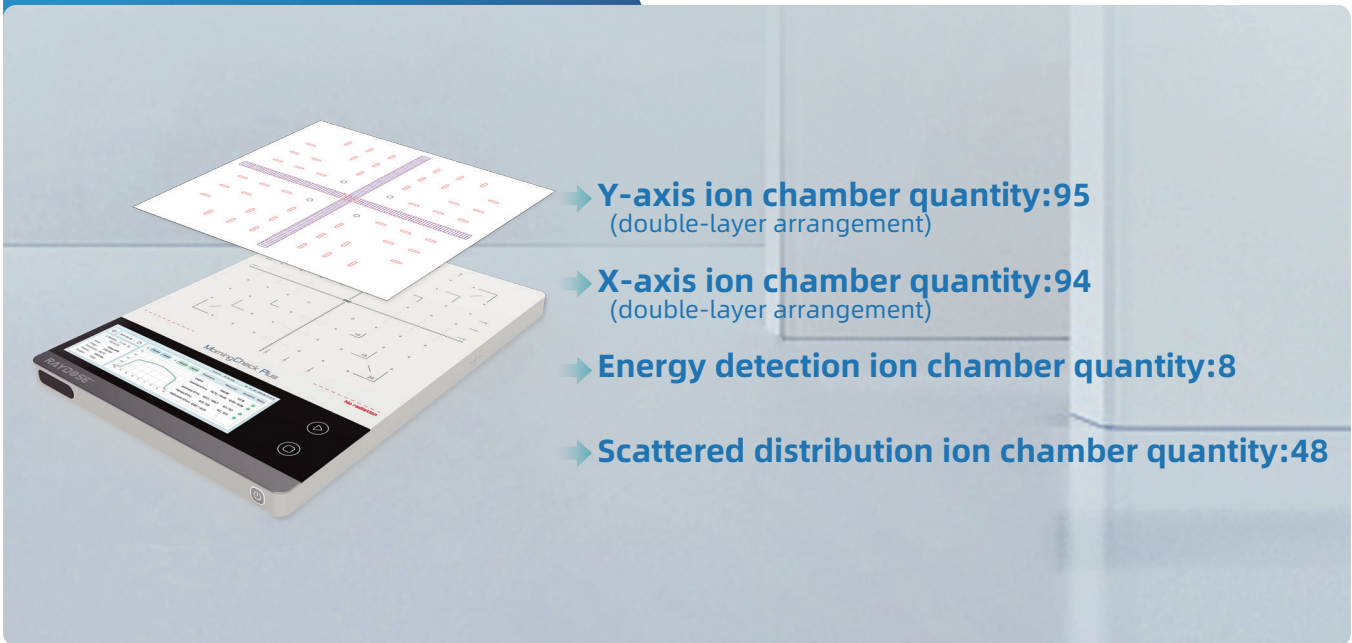


MorningCheck Plus



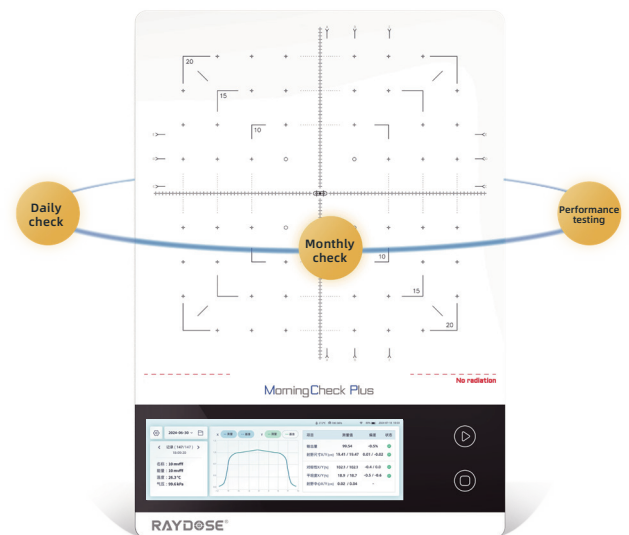
- ➔ **Y-axis ion chamber quantity:95**
(double-layer arrangement)
- ➔ **X-axis ion chamber quantity:94**
(double-layer arrangement)
- ➔ **Energy detection ion chamber quantity:8**
- ➔ **Scattered distribution ion chamber quantity:48**

Newly upgraded morning check device, with functions beyond morning check!

- ▶ **High resolution:** 245 ion chambers arranged in a double-layer structure along the beam axis, achieving millimeter-level measurement resolution.
- ▶ **Full touchscreen operation:** Checking can be started without connecting to a computer, convenient and fast.
- ▶ **Supports detection of multiple parameters:** output, energy, flatness, symmetry, field size, etc.
- ▶ **Highly automated:** Automatically corrects temperature and pressure, automatically measures, and stores data in real-time.
- ▶ **Strong battery life:** Built-in rechargeable battery, charged via Type-C interface, can work continuously for 8 hours.
- ▶ **Large storage capacity:** Can store up to 20,000 sets of data.

[Assuming that 1 LINAC needs to store 4 sets of data per day, then 1 MC-Plus can support data storage for up to 13.7 years]

Applications



Performance testing

Hospitals can use MC-Plus as a performance testing tool after accelerator maintenance.
Third-party organizations can use MC-Plus as an auxiliary testing tool for maintenance engineers.

Technical Parameters

Detector Type	Ion chamber	Field Size	24cm×24cm
Detector Quantity	245	Max Irradiation Area	26cm×26cm
Sensitive Volume	0.051CC	Dimensions(L×W×H)	392cm×275cm×20cm
Detector Spacing	2.5mm (Min)	Weight	3.5kg
Energy Range	Photons: 4 to 25 MV Electrons: 4 to 22 MeV	Lithium-Ion Battery's Capacity	9200mAh