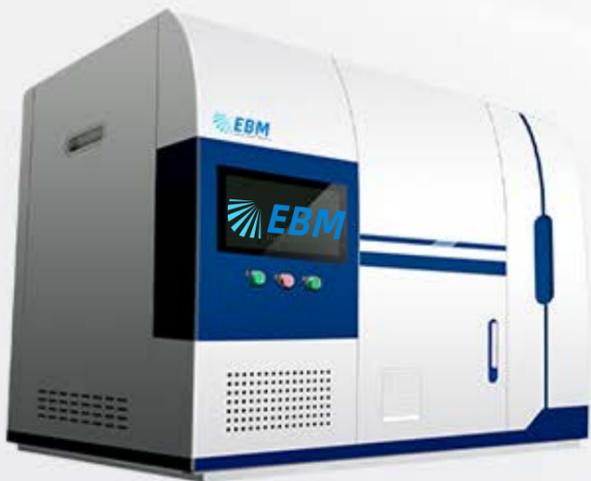


Electron Beam Sterilizer



EBM MACHINE

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Low energy electron beam sterilizer

◆ Tabletop electron beam sterilizer



Model	TMEB-120	TMEB-160	TMEB-200
Energy	80 ~ 120 keV	100 ~ 160 keV	160 ~ 200 keV
Irradiation source	Electron beam	Electron beam	Electron beam
Chamber size	300*210mm	300*210mm	300*210mm
Beam accuracy	99%	99%	99%
Irradiation dose	adjustable	adjustable	adjustable
Inhomogeneity	≤3%	≤3%	≤3%
Irradiation security	Fully shielded, <1uSv/h	Fully shielded, <1uSv/h	Fully shielded, <1uSv/h
Dimension(L*W*H)	1200*900*945mm	1200*900*945mm	1200*900*945mm
Weight	1,000kg	1,000kg	1,000kg
Penetration	100um	150um	200um
Lead time	3 months	3 months	3 months

Above data only for reference, maybe change according to final design and without notice.

◆ Floor standing electron beam sterilizer



Model	FMEB-120	FMEB-160	FMEB-200
Energy	80 ~ 120 keV	100 ~ 160 keV	160 ~ 200 keV
Irradiation source	Electron beam	Electron beam	Electron beam
Chamber size	300*210mm	300*210mm	300*210mm
Beam accuracy	99%	99%	99%
Irradiation dose	adjustable	adjustable	adjustable
Inhomogeneity	≤3%	≤3%	≤3%
Irradiation security	Fully shielded, <1uSv/h	Fully shielded, <1uSv/h	Fully shielded, <1uSv/h
Dimension(L*W*H)	1,200*900*1,800mm	1,200*900*1,800mm	1,200*900*1,800mm
Weight	1,100kg	1,100kg	1,100kg
Penetration	100um	150um	200um
Lead time	3 months	3 months	3 months

Above data only for reference, maybe change according to final design and without notice.

High energy electron beam sterilizer

◆ E beam sterilization equipment for electron beam irradiation plant



Model	LMEB-10M
Energy	10MeV
Irradiation source	Electron beam
Beam power	20KW
Penetration	45mm ~ 500mm
Electron accelerator size	3 * 5 * 8.5m (L*W*H)
Electron accelerator weight	5 tons
Footprint	23 * 8.5 * 9m (L*W*H)
Lead time	18 months

Above data only for reference, maybe change according to final design and without notice.

What type of products good for tabletop / floor standing electron beam sterilizer?

Products should be flat shape and thickness less than 200um. Such as: Disposable surgical gloves, disposable surgical blade, disposable biohazard specimen bags, disposable medical gauze, etc.



Medical Gloves



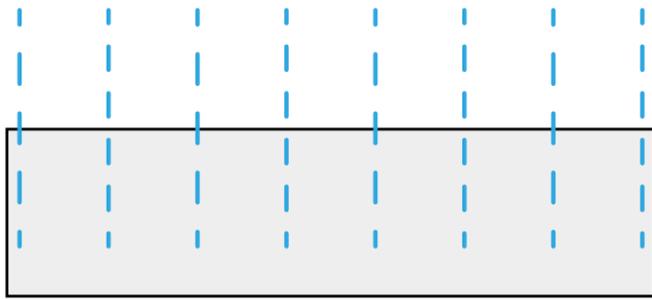
Surgical Blade



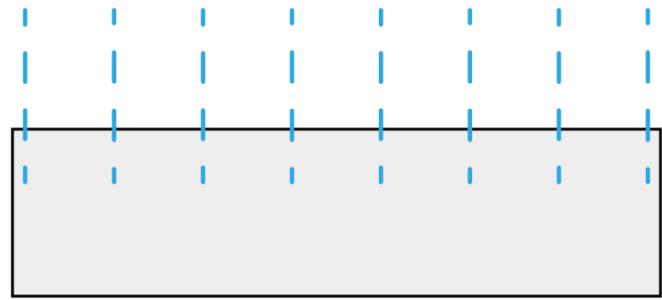
Sample Bag



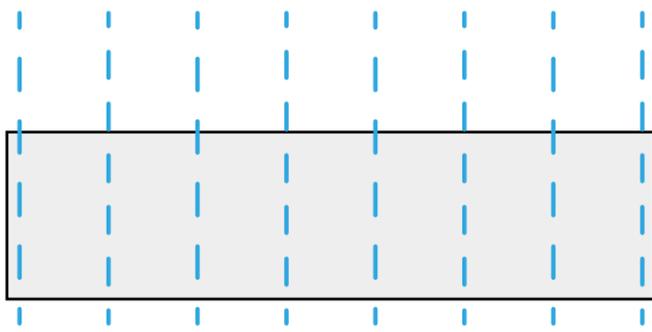
Medical Gauze



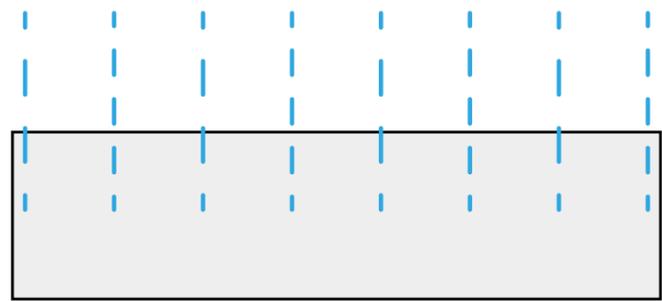
Medical Gloves
infiltrate-surface 0.2mm



iSurgical Blade
infiltrate-surface 0.05mm



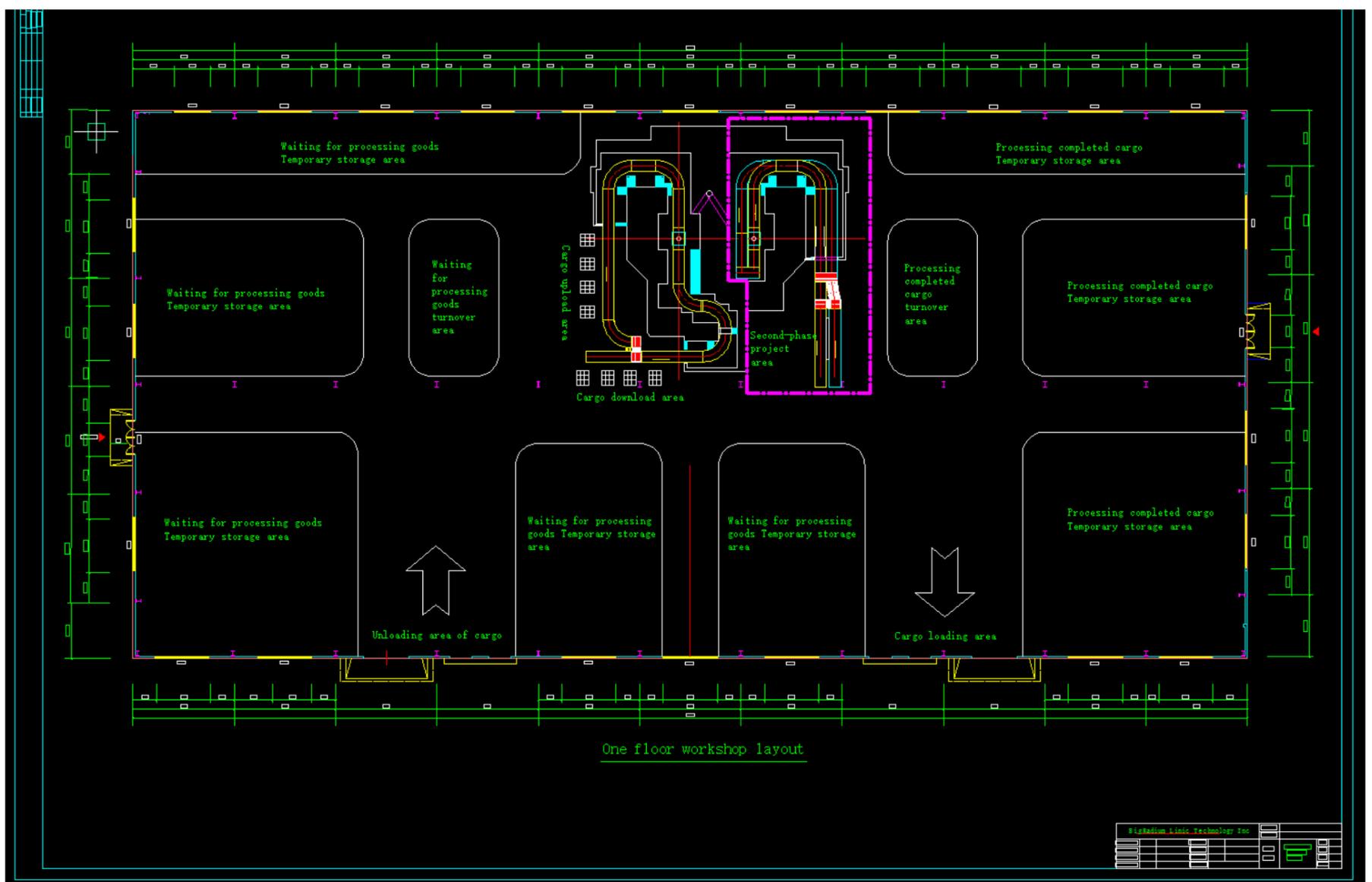
Sample Bag
completely penetrated



Medical Gauze
infiltrate-surface 0.1mm

What type of products good for high energy electron beam sterilizer?

10MeV/20KW has strong penetration for all types product (Final package with carton box)





Electron beam sterilizer application

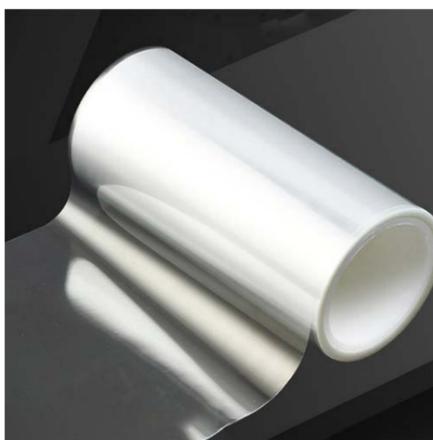
Electron beam sterilizer has been widely used in many sectors for irradiation sterilization, such as:



Medical Product



Food processing



Cosmetic product



Pharmaceutical



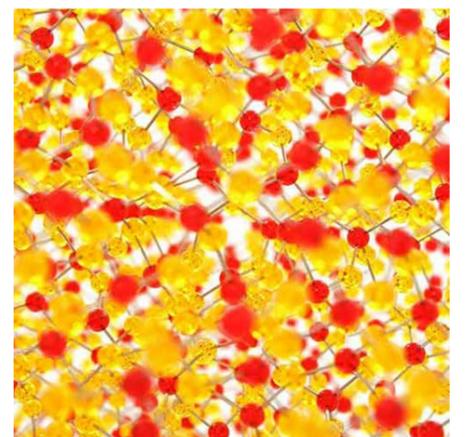
Health product



Environment
sterilization



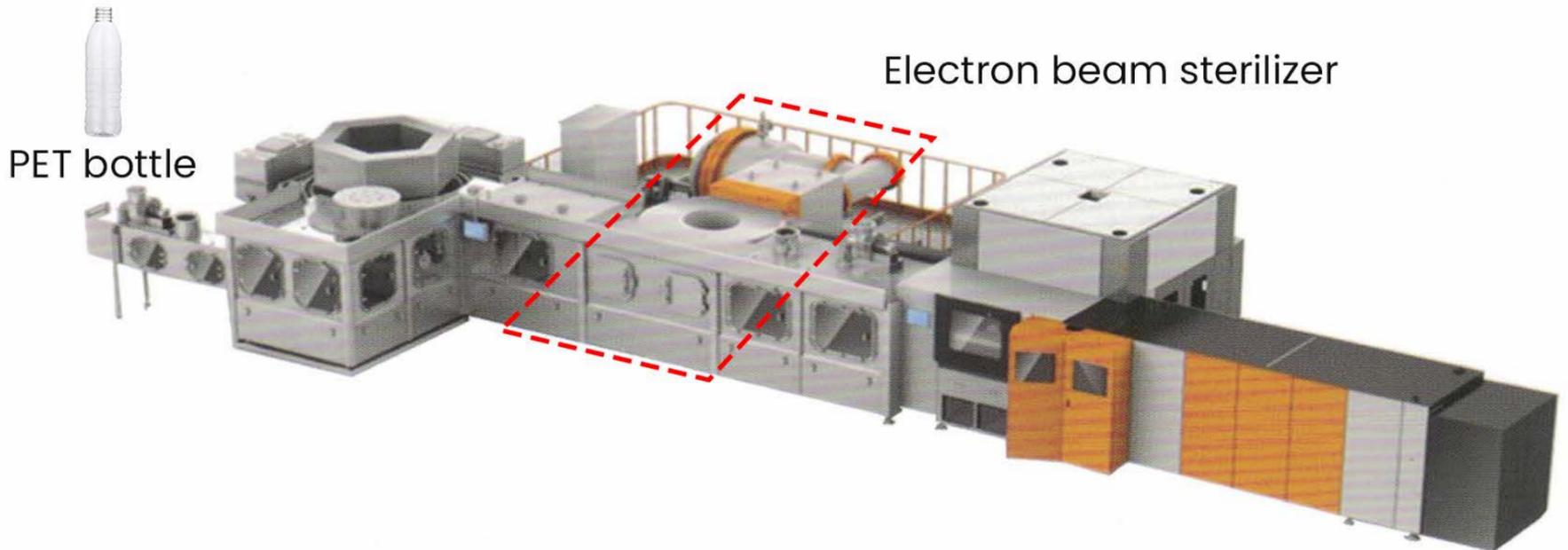
Scientific research



New material research
& development

Electron beam sterilizer integration

EBM provide electron beam sterilizer integration application for many sectors. More detail, please contact EBM MACHINE sales representative.



Electron beam sterilizer integrated with beverage filling and capping machine

Customized electron beam sterilizer

EBM provide tailor-made electron sterilizer according to your product characteristic and manufacturing processes.



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