

MICROBIOLOGICAL RADIATION SHIELDED SAFETY CABINET CLASS II A

MODEL VG-MSC-BSL

VON GAHLEN SUPPLIES A RADIATION SHIELDED SAFETY CABINET, SERIES VG-MSC-BSL II A, DESIGNED ESPECIALLY FOR THE PREPARATION OF ^{99}mTc LABELLING KITS. IT IS AVAILABLE IN THREE SIZES, EACH WITH AN INTEGRATED ^{99}mTc GENERATOR SAFE.

THIS SAFETY CABINET PROVIDES AN IDEAL STERILE ENVIRONMENT FOR THE PRODUCT, WHILE ALSO PROVIDING COMPLETE AND SAFE PERSONAL PROTECTION FOR THE OPERATOR. THE INTEGRATED ^{99}mTc GENERATOR SAFE CONSISTS OF A LEAD SHIELDED DRAWER IN WHICH ONE OR TWO ^{99}mTc GENERATOR(S) CAN BE PLACED. THE CLOSED DRAWER PROVIDES LEAD SHIELDING TO ALL SIDES. THE GENERATOR IS ELEVATED ABOVE THE WORKBENCH JUST ENOUGH TO ELUTE UNDER SAFE CIRCUMSTANCES.

THE CABINET PROVIDES PROTECTION ON THE FRONT OF THE WORK AREA BY MEANS OF A SLIDING LEAD GLASS WINDOW. THE WALLS AND WORKBENCH HAVE LEAD SHIELDING UP TO 10 MM THICK, TO PREVENT RADIATION LEAKS. AIR FLOWS WITH AN AVERAGE OF APPROX. 0,40 M/S FROM THE ABSOLUTE FILTER ON THE TOP OF THE WORK AREA TO THE WORKBENCH AND EXITS ON THE FRONT AND REAR OF THE WORKBENCH. AIR CIRCULATES THROUGH THE FRONT GRATE OF THE SAFETY CABINET INTO THE WORK AREA, FORMING A PROTECTIVE CURTAIN. AIR VOLUME AND SPEED CAN BE ADJUSTED TO MAXIMUM FLEXIBILITY. THE EC MOTOR IS BOTH ENERGY- AND COST-EFFICIENT.

