



Mom Meter

Internal detectors



The Mult-O-Meter 300-series is the ultimate, compact multi-meter which easily fits your pocket.

The meter will automatically sample the radiation quality and select the appropriate detector (s) if a combination of CONV and MAM is install.

Examples of configurations:

kVp CONV, Dose CONV, Rate CONV, Time

kVp DENT, Dose DENT, Time

kVp MAM, Dose MAM, Time

kVp CONV, kVp MAM, Time

Combination of internal and external detectors



The Mult-O-Meter 400-series gives a possibility to combine internal and external detectors when extra sensitivity or the small size of the external detector is needed. The different parameters may be installed as needed.

Examples of configurations:

Ext. : kVp CONV, Dose CONV, Rate CONV, Time
Int. : kVp MAM, Dose MAM

Ext. : kVp DENT, Dose DENT, Time, Pulse
Int. : kVp MAM, Dose MAM

Ext. : Dose CONV, Rate CONV + I.I.
Int. : kVp CONV, Time

Ext. : kVp FLUORO, Rate I.I.
Int. : kVp CONV, Dose CONV, Time

One or two external detectors



The Mult-O-Meter 500-series gives maximum flexibility of possible configurations and applications.

The parameters can be installed in one or two detectors depending on the requirements. The external detector is ideal for measurements on OPG machines.

Examples of configurations:

Ext. 1: kVp CONV, Dose CONV, Rate CONV, Time

Ext. 1: kVp MAM, Dose MAM, Time

Ext. 1: kVp DENT, Dose DENT, Rate DENT, Time, Pulse

Ext. 1: kVp CONV, Time

Ext. 2: Dose CONV + I.I., Rate CONV + I.I., Time

Ext. 1: Dose CONV + I.I., Rate CONV + I.I.

Ext. 1: kVp CONV, Dose CONV, Rate CONV, Time, Pulse, Dose/Frame

Ext. 2: kVp FLUORO, Dose I.I., Rate I.I., Time, Pulse, Dose/Frame

CT Mult-O-Meter



New CT Mult-O-Meter From the new generation of non-invasive X-ray meters, Unfors Instruments introduces the Model 601 Mult-O-Meter.

The new Mult-O-Meter 601 offers a cost effective and rapid way to measure kVp, dose and exposure time of any CT machine. The meters from Unfors Instruments are designed with the aim to make the measurement procedure simple and straightforward.

They also meet the Unfors concept: Accurate results, Pocket sized and 10 seconds to learn how to operate the meter.

The Mult-O-Meter is extremely easy to use.

Only two buttons are used to control the instrument:

On/Off and Parameter for scrolling the measured values.

No set-up time is needed. The specially designed LCD clearly indicates measured value and unit together.

Model 601 measures kVp, dose and exposure time.

The kVp range is 50 - 150 kVp and the dose range is 0.001 ~Gy - 9999 Gy (0.001 mR - 9999 R) in the range 90 - 150 kV.

The solid state detector has a carbonated epoxy resin and a total active length of 100 mm.

It is used for measurements of dose length products and CTDI.

No high voltage is required and it presents a flat energy response.

Measured data can be transmitted via an infrared interface to Excel for report making.

Several other models with different parameters including kVp, dose, dose rate and exposure time are available within the Mult-O-Meter family.

The meters are calibrated to international traceable standards and CE approved. Unfors Instruments is certified against ISO 9001 and EN 46001.

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