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Radiation Warning Equipment

- 01-07002 Monitor GX-2
 Personal radiation alarm for Gamma- and X-ray radiation 50 keV - 1.3 MeV, update capable, RoHs compliant, incl. Lithium battery



- 01-07012 Lithium battery 3.6V, spare battery for Monitor GX-2



Warning Signs

- 08-0068 Barrier tape, 50 m roll with dispenser
 English version
 "STOP RADIATION - KEEP OUT"



- 08-0064 Barrier tape, 50 m roll with dispenser
 Dutch version
 "STRALINGSGEVAAR - GEEN TOEGANG VOOR ONBEVOEGDEN"



- 08-0065 Barrier tape, 50 m roll with dispenser
 Italian version
 "PERICOLO RADIAZIONI - ZONA CONTROLLATA E SORVEGLIATA"



- 08-0069 Barrier tape, 50 m roll with dispenser
 "VORSICHT STRAHLUNG - KEIN ZUTRITT KONTROLLBEREICH"



- 08-0067 Barrier tape, 50 m roll with dispenser
 "KEIN ZUTRITT RÖNTGEN - KONTROLLBEREICH KEIN ZUTRITT"



Isotope handling tongs

09-0010 Isotope handling tongs 1.5 m long

09-0011 Isotope handling tongs 2 m long



Remote Control & Spare Parts

02-0310 Remote control 10 m, complete Ir/Se with stand MTC III

02-0315 Remote control 15 m, complete Ir/Se with stand MTC III

Stainless steel stand with height-adjustable plate and stainless steel magazine:

- durable construction
- comfortable to use
- working height: 83.5 cm



02-0110 Remote control 10 m, complete Ir/Se with stand MTC I

02-0115 Remote control 15 m, complete Ir/Se with stand MTC I



02-0010 Remote control 10 m, complete Ir/Se without stand

02-0015 Remote control 15 m, complete Ir/Se without stand











02-0101 Stand for remote control MTC I

02-0102 Mounting plate for remote control MTC I



02-0021	Gear box 11mm square, with steel wheel	
02-0020	Gear box 11mm square, with die cast wheel	
02-0023	Drive gear 11mm square of stainless steel	
02-0022	Drive gear 11mm square of die cast zinc	
02-0025	Crank handle 11mm square with ball stop	
02-1031	Gear box internal serration, with steel wheel	
02-1030	Gear box internal serration, with die cast wheel	
02-1033	Drive gear serrated of stainless steel	
02-1032	Drive gear serrated of die cast zinc	

02-1036	Crank handle serrated shaft, with retaining screw	
02-1037	Crank handle with serrated bolt and screw	
02-0070	Double hose clamp, aluminium	
02-0080	Plate for remote control	
02-0081	Screw for plate (M12x1)	
02-0090	Remote control connector (M12x1), quick connector	
02-0096	Protective plug for remote control, quick connector fitting	
04-0204	Wrench for quick connector, powdercoated	
02-1093	Remote control connector NUC 53 mm, threaded coupling M12x1	

Cable Hoses & Drive Cables

Cable hoses for remote controls (M12x1)

- 02-0035 Cable hose 5 m
- 02-0045 Cable hose 10 m
- 02-0055 Cable hose 15 m



Drive cables for all established systems, with ball pin and safety terminal traction load of up to 70 kg tested, in any length required:

Drive cable extra flexibel Ir/Se (short ball pin):

- 02-0710 Length 9.8 m
- 02-0720 Length 19.8 m
- 02-0730 Length 29.8 m



Drive cable Co (long ball pin):

- 02-0619 Length 19.1 m
- 02-0630 Length 29.8 m



Drive cable NUC (major ball pin):

- 02-1120 Length 19.8 m
- 02-1130 Length 29.8 m
- 02-1135 Length 35 m



Every other length available!

Guide Tubes & Connectors

Guide tubes flexible (M18x1,5):

- 04-0051 Length 1 m
- 04-0058 Length 1.5 m
- 04-0052 Length 2 m
- 04-0059 Length 2.5 m
- 04-0053 Length 3 m
- 04-0055 Length 5 m
- 04-0056 Length 10 m



- 04-0070 Guide tube connector, selenium (M18x1.5)



- 04-0090 Guide tube connector, iridium (M18x1.5), quick connector



- 04-0204 Wrench for quick connector, powdercoated



- 04-0206 Clutch for quick connector (M18)



- 04-0201 Double nipple 2 x M18x1.5
for connection of two guide tubes



- 04-0203 Threaded sleeve M18x1.5



- 04-0207 Threaded sleeve M14x1



04-1091 Quick connector NUC, tube connector, with stop



04-1092 Quick connector NUC internal thread G3/8" with stop



04-1093 Hose connector NUC



04-1026 Tube connector NUC (tube - G3/8")



04-1021 Hose clamp NUC



Source Terminals

04-0173 Source terminal Se 120 mm (M18x1.5)



04-0175 Source terminal Se 300 mm (M18x1.5)



04-0177 Source terminal Se 540 mm (M18x1.5)
suitable for pipe centering device 1.0 / 1.1



04-0180 Source terminal Ir/Co 80 mm (M18x1.5)



04-0190 Source terminal Ir/Co 300 mm (M18x1.5)

04-0195 Source terminal Ir/Co 500 mm (M18x1.5)

04-0199 Source terminal Ir/Co 1000 mm (M18x1.5)



04-0230 Steel extension tube 300 mm (M18x1.5)

04-0250 Steel extension tube 500 mm (M18x1.5)



04-0210 Extension set 200 - 1000 mm (M18x1.5)

consisting of 3 tubes (200, 300, 500 mm)
2 sleeves, 2 threaded connector



Gamma Ray Equipment

04-1070 Source terminal NUC 105 mm (tube connection)



04-1060 Source terminal NUC 90 mm (G3/8")



04-1063 Source terminal NUC 300 mm (G3/8")

04-1065 Source terminal NUC 500 mm (G3/8")

04-1069 Source terminal NUC 1 m (G3/8")



04-1081 Source terminal NUC 90 mm with quick connector

04-1083 Source terminal NUC 300 mm with quick connector

04-1085 Source terminal NUC 500 mm with quick connector



04-2049 Source terminal 495mm, male thread 1"-18
complete equipment for pipe centering device 1.0 / 1.1

04-2086 Source terminal 865mm, male thread 1"-18
complete equipment for pipe centering device 2.1



Tungsten collimators

05-0110 Ir192 Tungsten pipe collimator 120°

easy plug-in for all established source terminals



05-0171 Se75 Tungsten plug-on collimator side emission 80°



05-0172 Se75 Tungsten plug-on collimator 80°, full set incl. source terminal, rotatable, non-loosable

matches our ellipse tongs



05-0176 Holding ring with rod for Se75 plug-on collimator



Positioning Devices

06-0103 Ellipse tongs 460, hydraulic support with mounting prism, FFD 0 - 460 mm for pipe diameters 10 - 90 mm OD



06-0104 Ellipse tongs 560, hydraulic support with mounting prism, FFD 0 - 560 mm for pipe diameters 10 - 90 mm OD



06-0107 Ellipse tongs 510, mechanical clamping with mounting prism, FFD 0 - 510 mm for pipe diameters 10 - 90 mm OD



06-0101 Transport case for ellipse tongs, PP plastic with foam inserts



Ellipse tongs

- hydraulic support or mechanical clamping
- positioning assistance for source terminals up to 18.5 mm OD as well as collimators
- special wishes can be considered, please contact us

TIP: Hydraulic oder mechanical?

The hydraulic system generates a strong clamping force already when thighten the handwheel slightly. In comparison, a much greater manual force must be applied to the mechanical clamping in order to tighten the joints. However, the mechanical system requires less maintenance and it can be used even at high temperature.

Special wishes, examples:

06-0105 Ellipse tongs 750, hydraulic support with mounting prism, FFD 200 - 750 mm for pipe diameters 10 - 90 mm OD



06-0106 Ellipse tongs construction kit, 5-piece set for pipes 10 - 90 mm OD, FFD 0 - 830 mm transport case and 3x spanner included



06-0110 Ellipse tongs HP, hydraulic support mounting plate 60 x 30 x 4 mm with bore \varnothing 10 mm, FFD 0 - 460 mm for pipe diameters 10 - 90 mm OD



06-0022 Hydraulic piston with sealing ring \varnothing 7mm



06-0120 Strong magnetic collimator positioner SB equipped with locking device and handle grip
 Tested pull-off force: >375 kg
 Weight: 3,8 kg
example of use: with collimator holding ring



06-0124 Strong magnetic positioner SBA w/ mounting prism featuring hydraulic support, FFD 0 - 500 mm
 Tested pull-off force: >375 kg
 Weight: 4,3 kg
 -> *Special wishes can be considered.*



06-0140 Magnet saddle with collimator holder plate and safety tension belt

*Switchable magnet with prism for pipes up to 100 mm OD.
 Positioning assistance for collimators.*



06-0150 Collimator positioning belt for non-magnetic or coated pipes 100 - 400 mm OD

example of use: with collimator holding ring



06-0121 Supporting bar featuring locking notches

Fitting for the Strong magnetic collimator positioner 06-0120 and Collimator positioner belt 06-0150



Elastic strap with clamping buckle, width: 25 mm

 06-0605 length 0.5 m
 06-0610 length 1.0 m
 06-0615 length 1.5 m
 06-0620 length 2.0 m
Every other length available!



06-0695 Collimator-ring with strap for collimator 05-0110



06-0200 Centering device 1.0 for pipes 90 - 310 mm ID
(3.5" - 12")



06-0210 Centering device 1.1 for pipes 105 - 420 mm ID
(4" - 16")



06-0220 Centering device 1.2 for pipes 90 - 318 mm ID
(3.5" - 12.5")
Short version, 340 mm in length



06-0310 Centering device 2.1 for pipes 250 - 900 mm ID
(10" - 35")



06-0410 Extension for Centering device 2.1
for pipe inside diameters of 900 - 1400 mm
(35" - 55"), 6-part, equipped with rollers,
easily to screw on the basic arms



*Example of use:
Pipe centering device 2.1 with extension*



Centering devices

These centering devices are intended to use as mechanical positioning assistance for gamma radiography sources in pipes. The spring pressure of the arms is adjustable. The basic device can be used with all common types of gamma ray projector.

As complementary accessory an appropriately long source terminal is needed, corresponding to the type of gamma ray projector which is used. The source terminal can simply be slide through the centering device and be locked by the centre screw. Suitable for source terminals or steel extension tubes up to 15 mm OD.

Densitometers

07-0600 DIGIT 9
Hand probe digital densitometer, CE approved,
including calibration certificate and battery



07-0650 Case for DIGIT 9
incl. spare battery



07-0612 Battery 9V alkaline,
spare battery for DIGIT 9



07-0608 Density strip, BAM-approved with certificate



Ultrasonic Thickness Gauges

07-0802 Ultrasonic Thickness Gauge MT200
incl. Transducer N05/90°, Couplant, Instrument
Case, Operating Manual, Alkaline batteries



optional configuration:

07-0809 Transducer N02, 2.5 MHz, diameter 14 mm

07-0810 Transducer N07, 7 MHz, diameter 6 mm

07-0811 High-temperature Transducer HT5, 5 MHz,
diameter 14 mm, up to 300°C

Ultrasonic rule

07-0030 Ultrasonic rule, Type KK, 100 mm
rotatable, extensible, engraved

