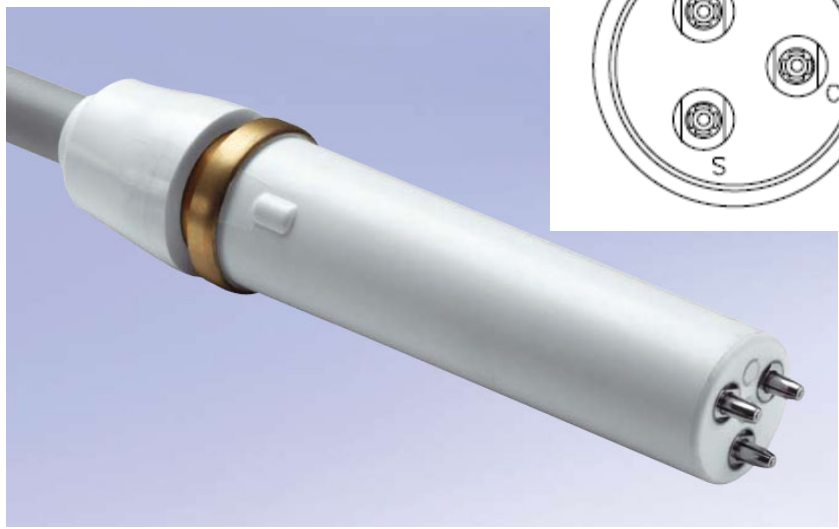
Dynalyzer and Accessories

M-53605/M-53610 (CA1)

Radcal supplied CA1 high voltage cable assemblies are X-ray cables terminated with 3-pin (O3) Federal Standard terminations rated for up to 100 kVDC. These assemblies fully comply with IEC 60526 and NEMA XR-7 standards, and are type tested under the severest life (aging) conditions.



Order:

M-53605 – 5 ft (1.5 m)

M-53610 – 10 ft (3.0 m)

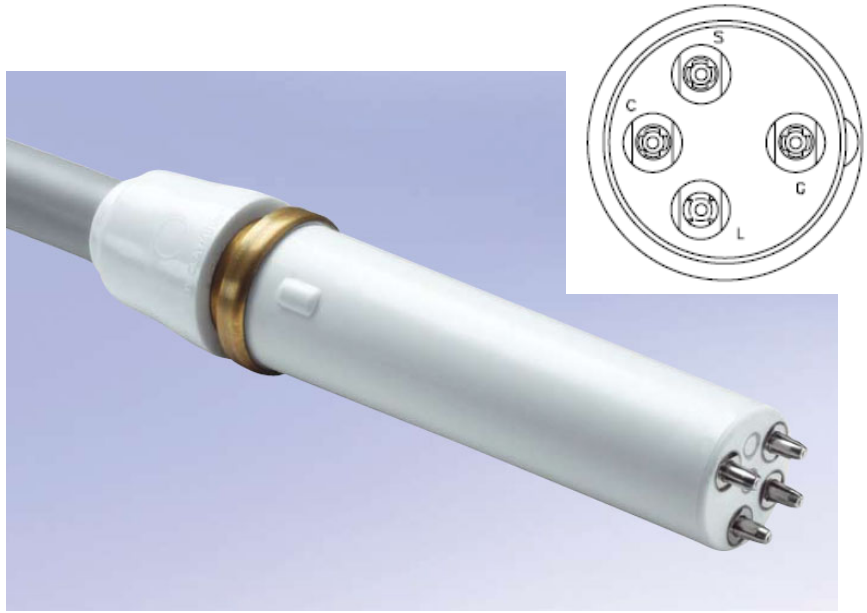
Technical data

Number of contacts		3
Rated voltage [1]	washer/grease or oil	75 / 100 kVDC
Maximum continuous operating temperature		100 °C / 212 °F
Outer diameter		40 mm / 1.575 in

[1] = depending on the way of installation (washer/grease or oil) and not to exceed the rated voltage of the cable used.

M-54005/M-54010 (CA4)

Radcal supplied CA4 high voltage cable assemblies are X-ray cables terminated with 4-pin (O4) Federal Standard terminations rated for up to 100 kVDC. These assemblies fully comply with IEC 60526 and NEMA XR-7 standards, and are type tested under the severest life (aging) conditions.



Order:

M-54005 – 5 ft (1.5 m)

M-54010 – 10 ft (3.0 m)

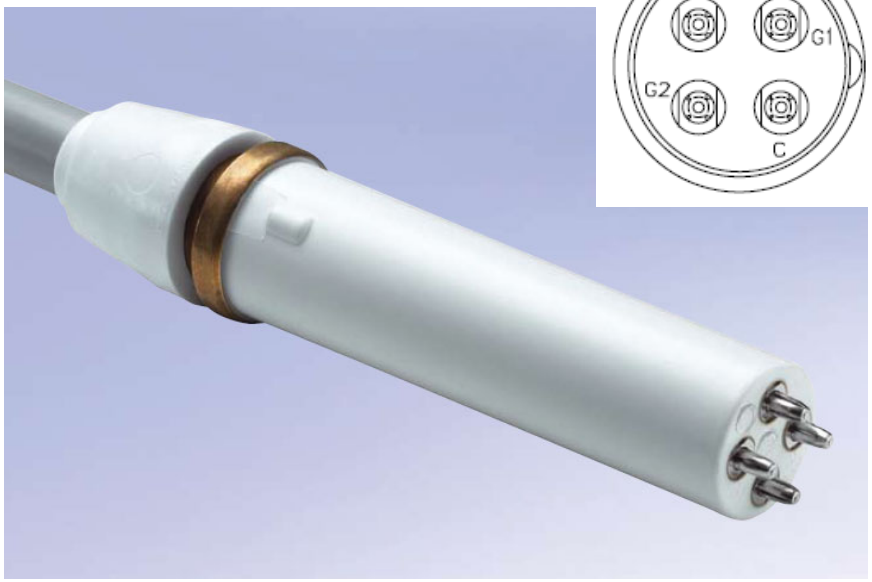
Technical data

Number of contacts	4
Rated voltage [1] washer/grease or oil	75 / 100 kVDC
Maximum continuous operating temperature	100 °C / 212 °F
Outer diameter	40 mm / 1.575 in

[1] = depending on the way of installation (washer, grease or transformer oil) and not to exceed the rated voltage of the cable used.

M-54007 (CA7)

Radcal supplied CA7-type high voltage cable assemblies are X-ray cables terminated with Federal Standard terminations with 4 symmetrically positioned pins, rated for up to 100 kVDC. These assemblies are type tested under the severest life (aging) conditions.



Order:

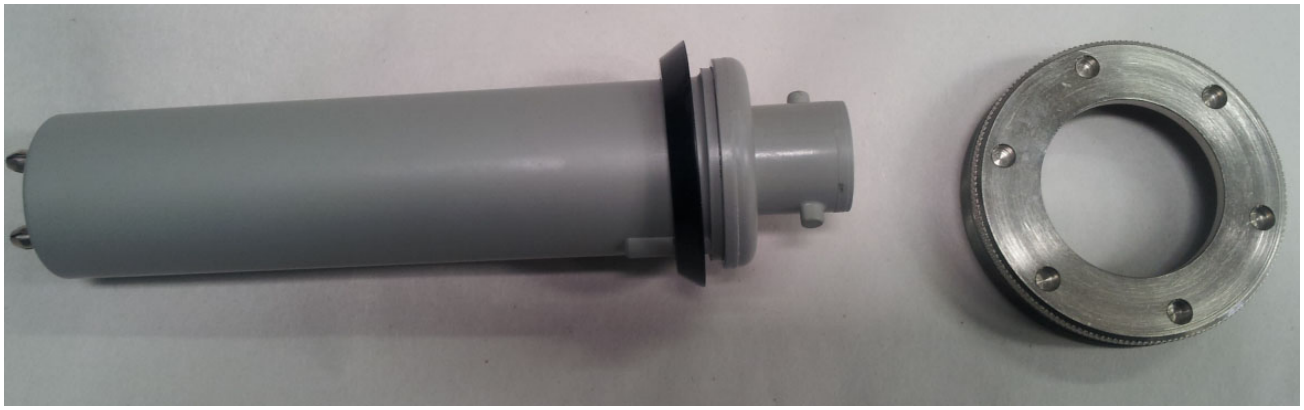
M-54007 – 5 ft (1.5 m)

Technical data

Number of contacts	4
Rated voltage [1] washer/grease or oil	75 / 100 kVDC
Maximum continuous operating temperature	100 °C / 212 °F
Outer diameter	40 mm / 1.575 in

[1] = depending on the way of installation (washer, grease or transformer oil) and not to exceed the rated voltage of the cable used.

M-55440
ALDEN TO FED ADAPTER



Radcal can supply an adapter to be able to adapt a Mammo machine HV cable with an Alden connector to a Dynalyzer HV connector.

Order: M-55440

M-97311 – Dynalyzer IV

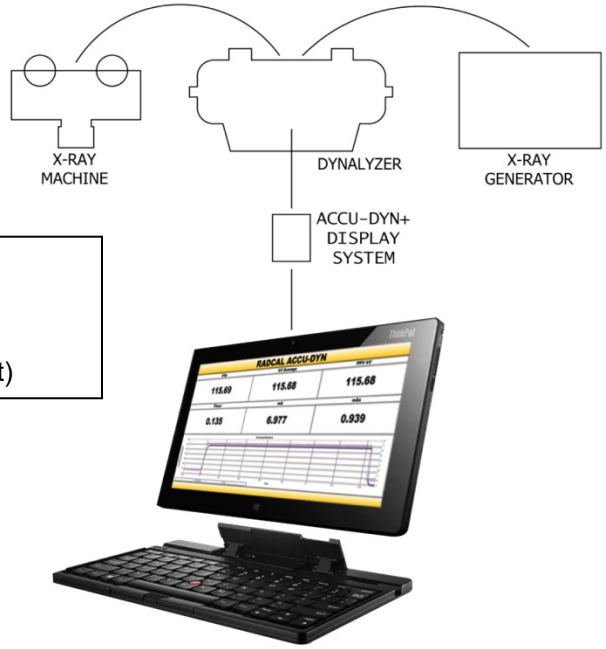
Connected between the generator and the x-ray tube unit, the Dynalyzer isolates the signals and provides an output proportional to kV, mA and filament current. These ground-referenced analog signals may be routed to external test equipment, such as the Dynalyzer III digital Display or an oscilloscope. Unlike non-invasive instruments, the Dynalyzer provides the user with direct kV measurements unaffected by tube target material or filtration.

S-AGDYN4

DYNALYZER IV ACCU-DYN+ DISPLAY SYSTEMS

The Accu-Dyn+ display system provides the means to display, analyze, and report values measured by the Dynalyzer IV that support calibration, compliance testing, and troubleshooting. Displayed values include: kV, kV Average, PPV, Time, anode current and mAs. In addition, waveforms of kV and anode current can be displayed and analyzed providing a deeper understanding of the operation of the system.

Notes: kV and derived quantities are anode+cathode voltage. Waveforms and calculated values reflect a bandwidth of 4 kHz.

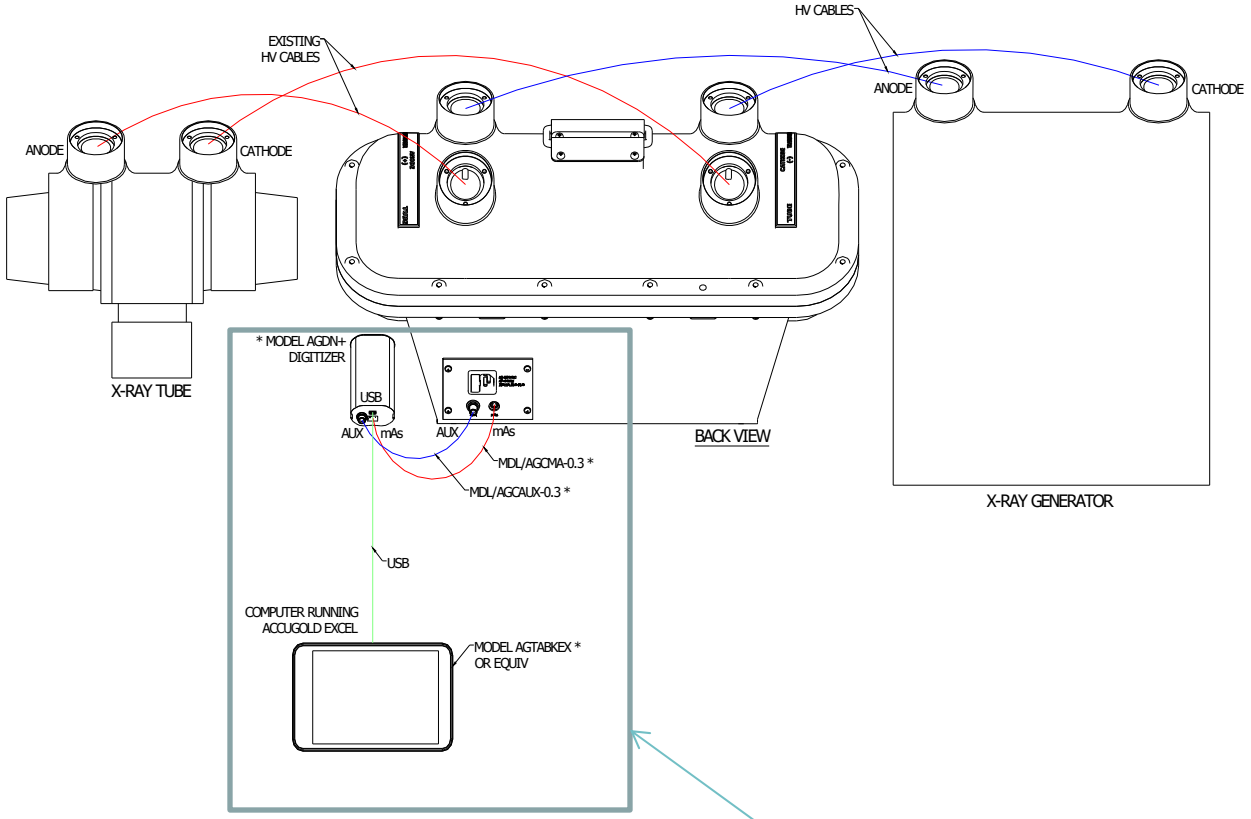


Order:

S-AGDYN4 - AGDN+ Digitizer, cables

S-AGDYN4-D – AGDN+ Digitizer, cables, display (portable tablet)

S-AGDYN4 / S-AGDYN4-D (cont)

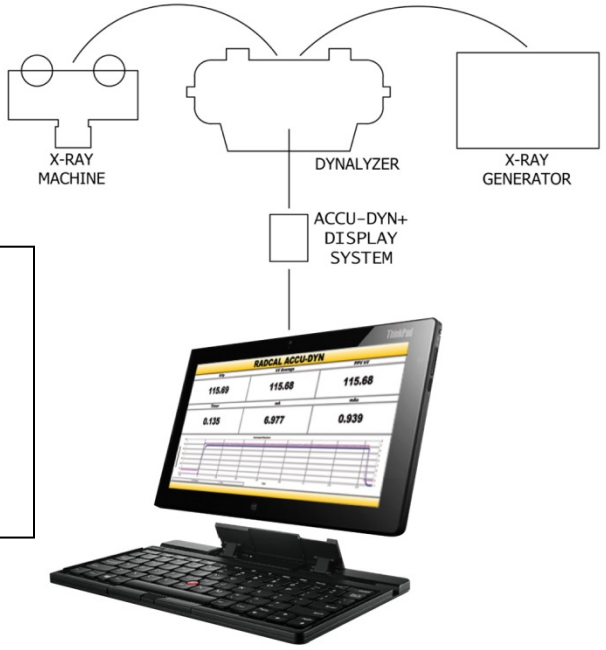


S-AGDYN4 without tablet
S-AGDYN4-D with tablet

S-AGDYN+

DYNALYZER III ACCU-DYN+ DISPLAY SYSTEMS

The Accu-Dyn+ display system provides the means to display, analyze, and report values measured by the Dynalyzer III that support calibration, compliance testing, and troubleshooting. Displayed values include: kV, kVp, PPV, anode current, number of pulses, and pulse duration. In addition, waveforms of kV and anode current can be displayed and analyzed, providing a deeper understanding of the operation of the system. The AGDM+ digitizer option adds the capability of making simultaneous dose measurements.
Notes: kV and derived quantities are anode+cathode voltage. Waveforms and calculated values reflect a bandwidth of 4 kHz.



Order:

S-AGDYN+ - AGDN+ Digitizer, AGKV, 90M11, cables

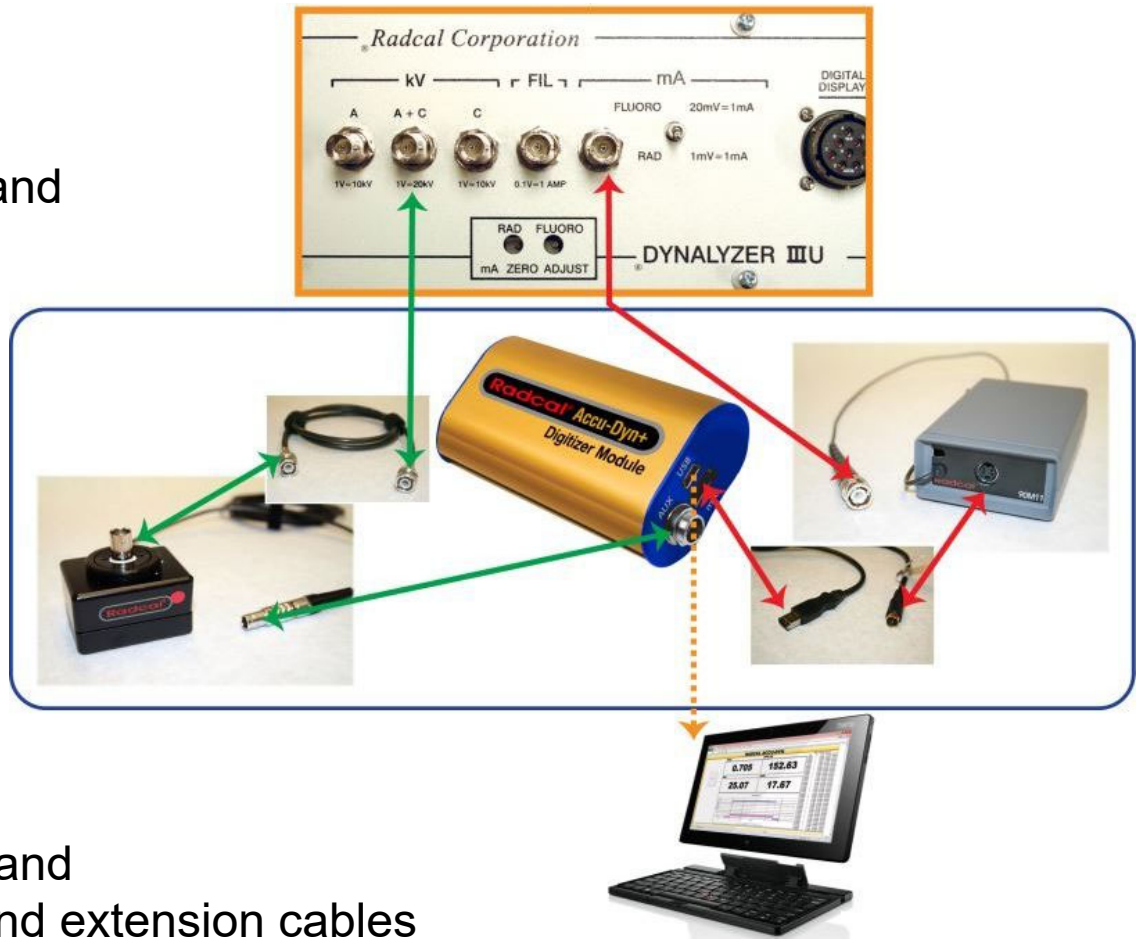
S-AGDYN+D – AGDN+ Digitizer, AGKV, 90M11, cables, display (portable tablet)

S-AGDYND+ - AGDM+ Digitizer, AGKV, 90M11, cables

S-AGDYN+ / S-AGDYN+D (cont)

S-AGDYN+
consists of an AGDN+ digitizer, AGKV, 90M11 and cables

S-AGDYN+D
consists of an AGDN+ digitizer, AGKV, 90M11, cables and portable display.



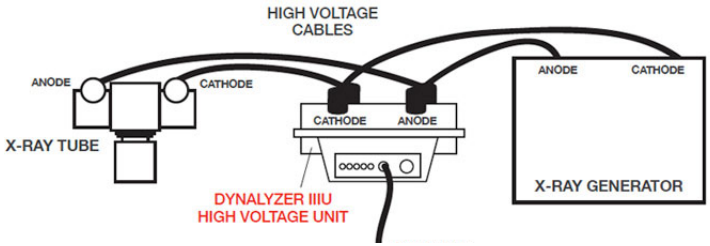
S-AGDYND+
consists of an AGDM+ digitizer, AGKV, 90M11 and Cables. (Ion chamber and extension cables ordered separately.)

(Discontinued see Dyn IV)

M-96311 – Dynalyzer IIIU

Connected between the generator and the x-ray tube unit, the Dynalyzer isolates the signals and provides an output proportional to kV, mA and filament current. These ground-referenced analog signals may be routed to external test equipment, such as the Dynalyzer II digital Display or an oscilloscope. Unlike non-invasive instruments, the Dynalyzer provides the user with direct kV measurements unaffected by tube target material or filtration.

Dynalyzer IIIU High Voltage Unit



Order:

M-96311 – CA1 connectors

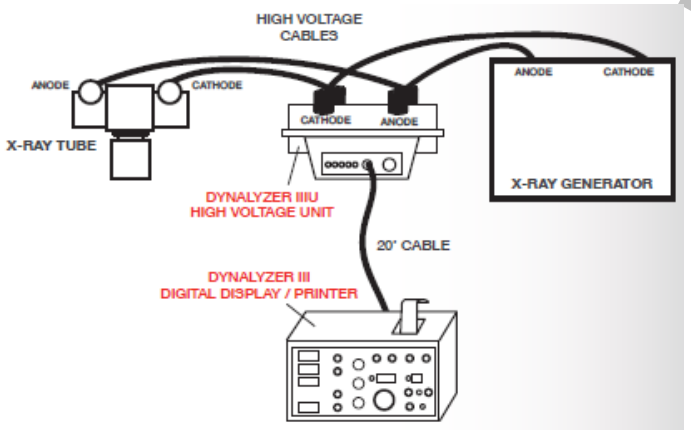
M-96311-CA4 – cathode connectors are 4-pin CA4

M-96311-CA7 - cathode connectors are 4-pin CA7

M-96320P (Discontinued – see AGDYN systems)

As an element of the Dynalyzer system, the Digital Display provides a wide range of x-ray measurement features for rapid calibration compliance testing, and troubleshooting. It may be used with the Dynalyzer II, III, IIIA-CT IIIU, IV High Voltage Unit, conventional oscilloscope and voltmeter for complete analysis.

Dynalyzer III Digital Display / Printer



Order:

M-96320P – Digital Display with printer