



# PARKER MEDICAL, INC.

High Voltage X-Ray Imaging Components

## High Voltage Cables for Industrial and Analytical Applications

- Medical
- Industrial
- Product Design
- CNC Machining
- Plastics Molding
- Cables & Harnesses
- Connectors
- X-Ray Tube Cooling
- X-Ray Beam Control
- Measurement Devices
- X-Ray Source Design

PMI manufactures high voltage cables for x-ray diffraction (XRD) and x-ray fluorescence (XRF) applications and x-ray inspection equipment. PMI produces both direct replacement parts for industry standard components and improved designs that offer increased electrical stability and higher thermal characteristics. In some cases, components that have gone out of service can be re-worked with superior PMI replacement parts. Shown here are connectors that have been typically used over the years. PMI can also provide new designs that are more compact, have better thermal characteristics and lower cost.



*ML style single-focus bi-plug and receptacle (also available in 3-pin dual-focus configuration).*



*H1189 pogo adapter for Phillips equipment.*



*ML style bi-plug shown with "coke bottle" adapter used in Seifert and Philips tube towers. PMI integral "coke bottle" termination (photo below) eliminates bi-plug/adapter combination which frequently results in premature burnout of contacts due to electrical instability and overheating.*



*PMI H1052 series high voltage cable for Euro-standard tube towers with integral "coke bottle" termination to federal standard termination. PMI H1130 series cable (shorter coke-bottle) retrofits Philips 7V and Siefert tube towers. PMI integral "coke bottle" terminations provides superior electrical and thermal advantage.*



*H838 diffraction termination for CA-8 x-ray tube. High-temp silver solder connection. Gold-plated contacts. Specify wiring configuration, termination at other end and mounting hardware.*



*HV adapter cable: R10 one end, integral coke bottle other end.*



*Another of many "pogo style" cable terminations.*



*PMI H909 high voltage cable series with high-thermal capacity termination for Siemens ceramic diffraction x-ray tube.*



*H739 series industrial equipment HV cable.*



*HV flat connector series range in voltage from 75KV—160KV.*



*European standard R24 termination. PMI also has spring-loaded version.*



*PMI H453 160KV extended federal standard termination.*

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