

MICROFOCUS X-RAY SOURCE SERIES

SEALED TYPE

90 kV L9421-02



100 kV L10101, L10321



110 kV L9631



130 kV L9181-02



150 kV L8121-03



OPEN TYPE

110 kV L9931



160 kV L11091



160 kV L10711/-01



230 kV L10801



DISTRIBUÉ PAR / DISTRIBUTED BY:



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FEATURES

- **High Power: 230 kV 1 mA (L10801)**
- **Minimum Resolution: 0.25 μm (L10711/-01)**
- **Geometric Magnification: 1000 Times or Higher (L9191, L10711/-01)**
Transmission target: 0.5 mm FOD
- **High Output: 75 W (L8121-03)**
- **No High Voltage Cable Connection Required**
High voltage power supply is integrated with the main unit.
- **Externally Controllable**
RS-232C interface provided as standard

APPLICATIONS

- **Non-destructive Inspection**
- **X-ray CT**
- **In-line X-ray Inspection**

[Applicable Objects]

- Electronic component
- Printed circuit board
- Plastic component
- Metal component
- Food
- Beverage
- Medicine & drug
- Bioproduct

SPECIFICATIONS

Type No.	Tube Voltage (kV)	Tube Current (μA)	Maximum Output (W)	X-ray Focal Spot Size (Min.) (μm)	X-ray Beam Angle (Max.) (degrees)	FOD ① (mm)
L9421-02	20 to 90	10 to 200	8	5	39	9.5
L10101	20 to 100		20		42	6.8
L10321					118	7.3
L9631	40 to 110	10 to 800	50	15	62	16.8
L9181-02	40 to 130	10 to 300	39	5	45	13
L8121-03	40 to 150	10 to 500	75		43	17

Type No.	Tube Voltage (kV)	Tube Current (μA)	Maximum Output (W)	Minimum ^② Resolution (μm)	X-ray Beam Angle (degrees)	FOD ^① (mm)
L9931	20 to 110	0 to 200	4.5	4	Approx. 120	0.5
L11091	20 to 160		8	1		
L10711/-01 ^④				0.25 ^③	Approx. 140	
L10801	20 to 230	0 to 1000	200	4	Approx. 40	5

^①Focus to object distance ^②X-ray chart use ^③Suitable measurement conditions (environment and equipments) are necessary.

^④L10711 (Input voltage: 100 V ac to 115 V ac), L10711-01 (Input voltage: 220 V ac to 240 V ac)

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