

Vacuum Components

Sealed Transmissive Microfocus X-Ray Source X-Ray Source Capable of High Speed Photography with High Resolution



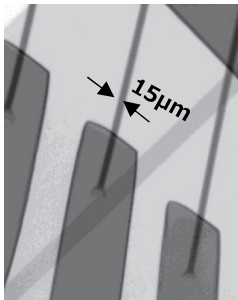
X-Ray Source G-311 D-Series.

- Widely applicable for X-ray non-destructive inspection and analysis
- Provide the most suitable X-ray source to a use

Features

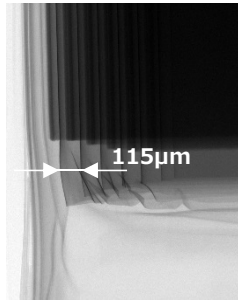
- ✓ 110kV voltage ramp time within 1sec.
- ✓ Target maintenance free.
- ✓ Warming up within 3 min.
- ✓ Self diagnosis of X-ray tube life time

Wire



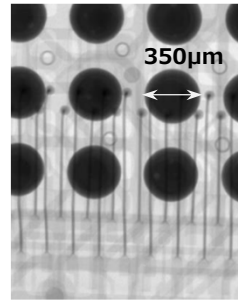
100kV 100µA (300x)

Li-ion battery



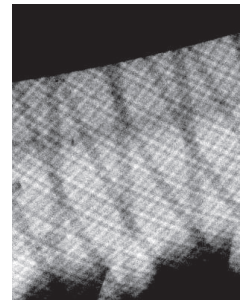
110kV 90µA (45x)

BGA



90kV 100µA (120x)

Tire



40kV 100µA (1x)

Image examples

Transducer Vacuum Gauge Series

Seamless coverage from atmosphere to ultra-high vacuum

measurement range.

(Pa) 10^{-9} 10^{-8} 10^{-7} 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 1 10 10^2 10^3 10^4 10^5

Ultra-High Vacuum	High Vacuum	Medium Vacuum	Low Vacuum
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Features

Capacitance Diaphragm Gauge M-342DG

Excellent zero point stability.



M-342DG-13

M-342DG-12

M-342DG-11

M-342DG-1N

M-342DG-1D

Pirani Gauge M-350PG

M-351PG (corrosion-resistant)

Good repeatability and low cost.



Cold Cathode Gauge M-370CG

Good startability under high vacuum



From ultra-high vacuum to 1Pa

Cold Cathode Pirani Gauge M-361CP

Wide range measurement is realized by just one gauge



From ultra-high vacuum to atmospheric pressure

Ion Gauge M-311HG

Wide pressure measurement range.



From 10^{-7} Pa to 10Pa

Crystal Ion Gauge M-336MX

High precision with excellent repeatability in the low vacuum range.



From ultra-high vacuum to atmospheric pressure