

# Specifications for F1942-04X (70)

(Spec.No.1003231)

Plate diameter (mm)	86.7+0.1-0.4
Electrode diameter (mm)	84.7+0.3-0
Useful diameter (mm)	78.0 ± 0.5
Plate thickness (mm)	1.00 ± 0.03
Bias angle (°)	20 ± 1
Center to center spacing (μm)	31 max.
Channel diameter (μm)	approx. 27.5
OAR (%)	70 ± 3
Electrode material	Inconel
Electrode resistance (Ω)	200 max.
Electrode penetration (d)	(Input side) 0.5 ± 0.2 (Output side) 1.0 ± 0.5
Operating voltage (kV)	1.0 max.
Gain	8 × 10 <sup>3</sup> min. (Vmcp=1kV)
Strip current (μA)	10 to 100 (Vmcp=1kV)
Resistance matching (%)	within 10

# HAMAMATSU