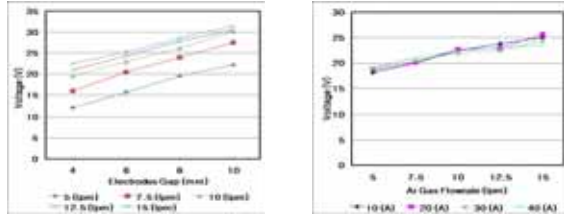


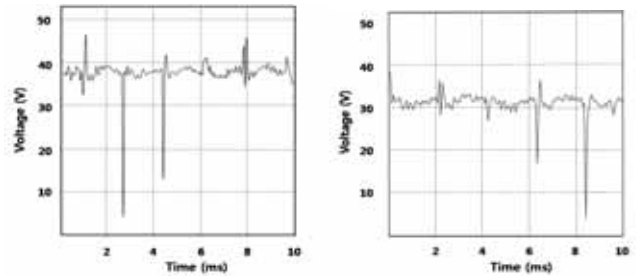
(a) Cylindrical nozzle

Fig. 2 Experimental characteristics of a cylindrical nozzle on discharge



(a) Magnetic field step-shaped nozzle

Fig. 3 Experimental characteristics of a magnetic field step-shaped nozzle on discharge



(a) Magnetic field step-shaped nozzle

Fig. 5 Experimental characteristics of the dynamic arc in magnetic field step-shaped nozzle

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10ms

Fig. 4 Fig. 5

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(Drag)

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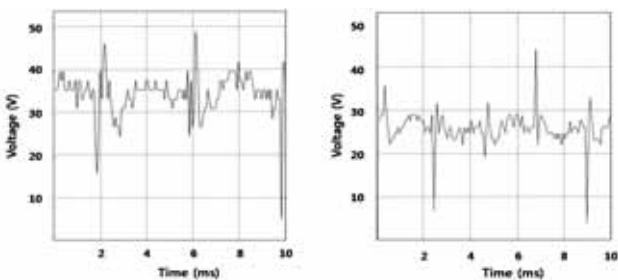
Fig. 4 Fig. 5

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(arc shunting)

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(a) Cylindrical nozzle

Fig. 4 Experimental characteristics of the dynamic arc in cylindrical nozzle

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