

## Support for high-grade thin plate welding

Registration No.	Number 00327		
Registration Date	September 13, 2022	Registration Category	Category 1 (multiple identical products such as mass-produced products)

Name (Model, etc.)	Inverter controlled GMAW DC Power Source		
Location	Toyonaka-shi, Osaka		
	Panasonic Connect Co., Ltd.		
Owner (Custodian)	Panasonic Connect Co., Ltd.		
Manufacturer (Company)	Matsushita Industrial Equipment Co., Ltd.		
Year Manufactured	1985		
Year first appeared	1983		
Reason For Selection	<p>This is the world's first CO<sub>2</sub>/MAG welding machine that uses a transistor/inverter control method. By controlling the welding current waveform at high speeds, the arc start performance is greatly improved. The company achieved a significant reduction in large quantities of large spatter, which is a problem in carbon dioxide arc welding (CO<sub>2</sub> welding) that uses an active gas as the shield gas. It is significant for having started the spread of the inverter control method that meets the demand for high quality thin plate welding especially in the automobile industry.</p>		
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.)		

Open/Closed to Public	Closed to Public		
Photo			
Other useful information			