



## Technical Data Sheet Gen1 (Air Cooled)

### The Gen1 Converter and Sonotrode

are designed and built from stainless steel and titanium to the highest standard in Switzerland.

The unit is suitable for CSD lines to 24,000 units ph and Beer lines to 36,000 units ph. It is CIP and IP67.

This unit is combined with a robust generator package and push button control unit, or with a Siemens Screen PLC if desired (additional cost). Utilised in plants around the world, this unit meets your payback requirements on the slowest lines.



Weight : Converter Sonotrode	2.4kg 1.1kg
Height	327.8mm
Diamither	73.5mm
Power	2.4Kw
Frequency	20Khz
Operating temperature	10-40 deg C
Relative humidity	20-80% (non condensing)
Cooling air supply	Max: 2bar Min: 30L/min
Cooling air supply	6mm Clean moisture free
Protection class	IP 67
Construction material	Converter: Stainless steel Sonotrode: Titanium Ti6a14v Silicon coated HF cable
HF Cable	15m(max) twinaxial
Construction standards	EN ISO Standard – EN 60204-1 – Electrical equipment of machines EU Directive – 2014/35/EU – Low voltage directive

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## Technical Data Sheet Gen1T –LITE (Air Cooled) (Page-2)

### Generator and Power



Interface	Phoenix Connector 2x 12 Pin
Operating Tempure	Humidity 20%-80% (non-condensing) Temperature 10o- 40o Celsius The Generator will automatically shut down if the internal temperature reaches 60 degrees Celsius.
Installation Conditions	The BLE unit may only be installed at altitudes of up to 2000 m above sea level, in order for full protection to be maintained against electrical surges (in accordance with IEC 1010-1).
Construction Standards	EC Directive 2006/95/EC – low voltage directive EC Directive 2004/108/EC – Electromagnetic Compatibility DIN EN 60204-1:2006 – Safety of machinery – Electrical equipment of machines, part 1: General requirements EN 61000-6-2 – Immunity for industrial environments (EMC) Emission standard for industrial environments (EMC)

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