

TECHNICAL DATA SHEET

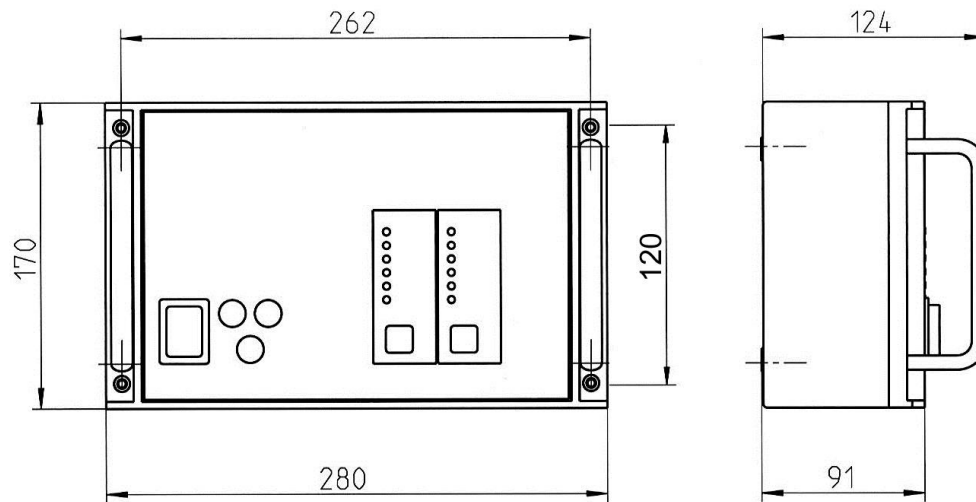
Ultrasonic Generator **DGS35 series**
50 / 100 / 200 Watt



1. Product Specification

Generator types	Single Twin	1 high frequency output 2 high frequency outputs
Mains supply	90...253 V, 50/60 Hz	
Environment temperature	0...45°C (32...113 F)	
Relative air humidity max.	80% at 30°C (86 F)	non-condensing
Weight	3.4 kg (7.5 lb)	
Output voltage max.	600 V	
Output current max.	500 mA	
Output frequency	30...38 kHz	Frequency variation
Enclosure protection	IP 65	Dust- and waterproof
Operation modes	Automatic mode Manual mode	Programmable via SweepParam [®] software
Certificates	CE ATEX Zone 22 dust	
PLC port	Ultrasonics on/off, analogue input and output, operation & error messages	Remote control

2. Outline drawing / drilling plan



3. Part numbers / accessories

13038	Generator DGS35-200-S (EU)	Single output
13042	Generator DGS35-200-T (EU)	Twin outputs
13037	Generator DGS35-200-S (USA)	
13041	Generator DGS35-200-T (USA)	
13029	Generator DGS35-100-S (EU)	
13013	Generator DGS35-100-T (EU)	
13028	Generator DGS35-100-S (USA)	
13032	Generator DGS35-100-T (USA)	
13021	Generator DGS35-50-S (EU)	
13025	Generator DGS35-50-T (EU)	
13020	Generator DGS35-50-S (USA)	
13024	Generator DGS35-50-T (USA)	
13040	Generator DGS35-200-S-A (EU)	Single output (ATEX)
13044	Generator DGS35-200-T-A (EU)	Twin outputs (ATEX)
13039	Generator DGS35-200-S-A (USA)	
13043	Generator DGS35-200-T-A (USA)	
13031	Generator DGS35-100-S-A (EU)	
13036	Generator DGS35-100-T-A (EU)	
13030	Generator DGS35-100-S-A (USA)	
13035	Generator DGS35-100-T-A (USA)	
13023	Generator DGS35-50-S-A (EU)	
13027	Generator DGS35-50-T-A (EU)	
13022	Generator DGS35-50-S-A (USA)	
13026	Generator DGS35-50-T-A (USA)	

12899	HF cable 5 m (16 ft)
12900	HF cable 10 m (33 ft)
12901	HF cable 15 m (50 ft)
12902	HF cable 20 m (65 ft)

12903	Twin splitter box
12904	Triple splitter box

12276	Dongle (SweepParamExpert [®])
12277	FTDI USB data cable
12278	SweepParam [®] software