



SCU-MD

SCU Micro Droplet Meter

The SCU-MD is a specific use wireless sensor to control the efficacy of Grignard Pure in the atmosphere. When connected to the kepClean platform the data collected is analyzed through kepClean's Artificial Intelligence algorithms to maintain a balanced distribution of Grignard Pure.



Environmental Specifications	
Mass concentration precision	±5 µg/m ³ @ 0 to 100 µg/m ³ ±5 % @ 100 to 1000 µg/m ³
Mass concentration resolution	0.3 µg/m ³
Number concentration:	PM0.5, PM1.0, PM2.5, PM4 and PM10
Lower limit of detection	0.3 µm
Lifetime	> 10 years operating continuously 24h/day
Operating temperature range	-5 to +63 °C
Storage temperature range	-38 to +72 °C
Electrical Specifications	
Supply voltage	4.5 – 5.5 V
Average supply current @ 1 Hz measurement rate	55 mA
Radio Specifications	
Type	Zigbee
Security	256 bit AES encryption security

