

# Key Technical Specifications

DEA 288 Ionic	
Frequency range	1 mHz to 1 MHz, freely selectable values
Data acquisition	Multiple DEA modules; true simultaneous operation of all channels
Minimum data acquisition time	< 5 ms
Sensor connection	Shielded 4-wire technique (compensation of resistivity and capacity of the wire as a prerequisite for precise measurements)
DEA modules	<ul style="list-style-type: none"><li>▪ Portable version: All-purpose version, up to 7 channels</li><li>▪ Industrial Rack version: up to 8 channels (extension possible for up to 16 channels)</li></ul>
I/O ports	Input and output of measuring signals or signals from peripheral devices such as pressure or temperature sensors. DEA allows for triggering by manufacturing machines.



Calibration plug for automatic adjustment of the electronics



Adaptor box – fast, easy and reliable connection of all disposable sensors, thermocouples or RTD sensors