Mul-Cell Anode Monitor:
JP Tech’s anode monitor system is designed to measure and report the electric current flowing through each Membrane Electrode Cell in your E-coat paint tank. This system can communicate with up to three simultaneous protocols to over 120 PLC/SCADA systems. Modbus TCP server is automatically enabled as the default protocol.

- No Tank side sensors to protect or install—everything contained inside enclosure
- Standard unit sizes are 10, 20, 30, 40, 50, 60, 70, 80 Anodes per enclosure. Up to four enclosures per system servicing up to 320 anodes.
- Full Color touchscreen with Ethernet/serial interface.
- Individual fuse protection for each anode.
- Standard anode shunt system: 50 amps or 100 amps. Other sizes are custom designed.
- Freeze pane for one second total system “snap-shot”
- Individual amp hour totals for each anode
- 120VAC power (24VDC or 230VAC optional)
PLCs Supported
Most models supported for the following brands:

IDE, Mitsubishi, OMRON, Allen-Bradley, SIEMENS, Keyence, Hitachi, JTEKT, Toshiba
Machine Works, GE Fanuc Automation, Schneider Electric, Modicon, Panasonic, Yaskawa
Electric, KOYO, Yokagawa Electric, Fuji Electric, Toshiba, LS Industrial Systems, VIGOR,
Emerson, Equipment Systems
Please check for your exact PLC model and protocol requirements before ordering

HMI/SCADA Support
Modbus TCP Server enabled by default. Most other protocols supported.

Custom Design Capability
We can design this system to meet all your quality and production needs.
We welcome all custom inquiries.