Claim(s)

1. An apparatus suitable to be adaptably usable in a system associated with a plurality of operations, the apparatus comprising:

at least one user interface module;

a processor module coupled to the user interface module,

wherein the apparatus is configurable to at least one of receive at least one input signal and generate at least one input signal, the at least one input signal being communicable to the processor module for processing to generate at least one processor signal,

wherein the each of the plurality of operations is associated with at least one device which is capable of being coupled to the apparatus,

wherein the apparatus is adaptably usable in the system in a manner such that the apparatus is configurable as at least one of a slave device, a master device and a power supply device relative to the at least one device,

wherein when configured as a slave device, the apparatus can be configured to receive, from the at least one device, at least one input signal corresponding to at least one command signal to generate at least one processor signal,

wherein when configured as a master device, the user interface module is configurable to generate at least one input signal to generate at least one processor signal corresponding to at least one control signal communicable to the at least one device configurable to communicate at least one feedback signal corresponding to at least one of:

a graphical based presentation and

a textual based presentation,

the communicated feedback signal being indicative of information concerning general characteristics associated with at least one device corresponding to a reactor carrying at least one long routine sensor and the general characteristics being capable of being consolidated for data analysis at the apparatus, the general characteristics comprising temperature and resistance, and the communicated feedback signal being based on temperature and resistance for the purpose of preventive maintenance control associated with the reactor, and

wherein when configured as a power supply device, the apparatus is configured to supply power to the at least one device connected to the apparatus.

2. The apparatus as in claim 1, wherein the apparatus further comprises at least one of a connection module and a communication module,

wherein the connection module is coupled to the processor module and the communication module is coupled to the processor module.

3. The apparatus as in claim 2,

wherein when configured as a slave device, at least one command signal is receivable is receivable by the apparatus via at least one of the connection module and the communication module, and

wherein the processor module is configured to generate at least one processor signal based on at least one command signal.

4. The apparatus as in claim 3, wherein the processor signal generated based on the command signal is communicable from the apparatus via at least one of the connection module and the communication module.

5. The apparatus as in claim 2,

wherein when configured as a master device, at least one control signal is communicable via at least one of the connection module and the communication module to the device connected to the apparatus.

6. The apparatus as in claim 5,

wherein based on the control signal, at least one feedback signal is communicable from the device to the apparatus.

7. The apparatus as in claim 1,

wherein the device coupled to the apparatus, when configured as a master device, carries at least one component configured to communicate at least one feedback signal, corresponding to at least one of a graphical based presentation and a textual based presentation, to indicate general characteristics within the coupled device.

8. The apparatus as in claim 6,

wherein operation of the device is controlled based on the control signal communicated from the apparatus.

9. The apparatus as in claim 2 further comprising at least one of a power module and an auxiliary supply module,

wherein the power module is coupled to the connection module, and

wherein the auxiliary supply module is coupled to at least one of the power module and the connection module, and

wherein the auxiliary supply module is capable of being charged via at least one of the power module and the connection module.

10. The apparatus as in claim 9, wherein when configured as a power supply device, the apparatus is configured to supply power to the device connected to the apparatus via the auxiliary supply module.

11. The apparatus as in claim 1, wherein the user interface module is configurable to generate at least one input signal corresponding to at least one command for the purpose of generating at least one up-to-date preventive report detailing every human intervention.