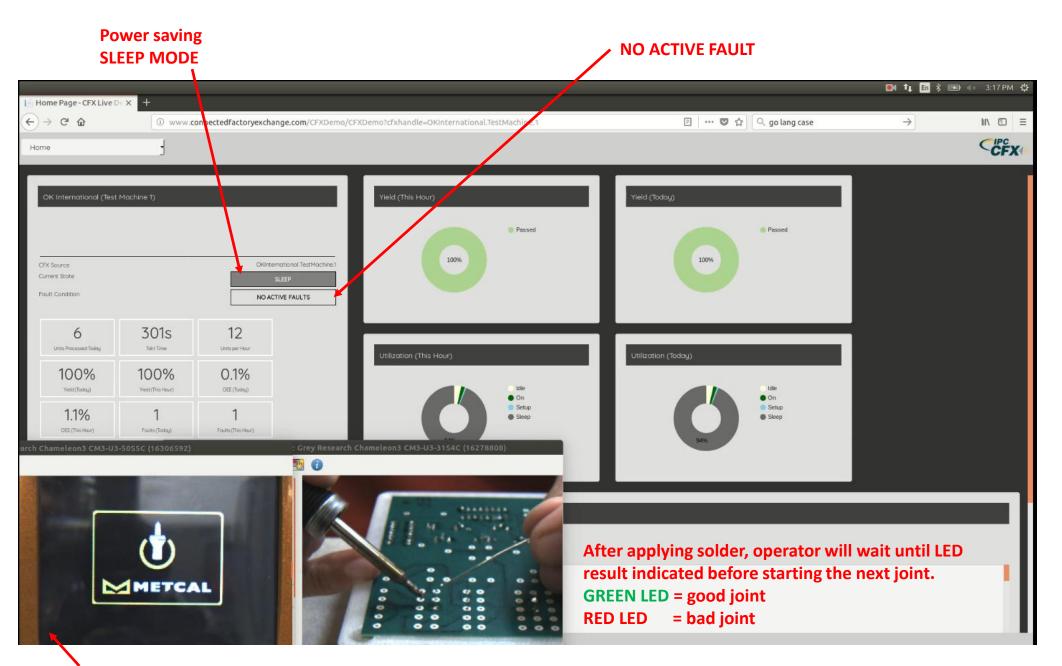




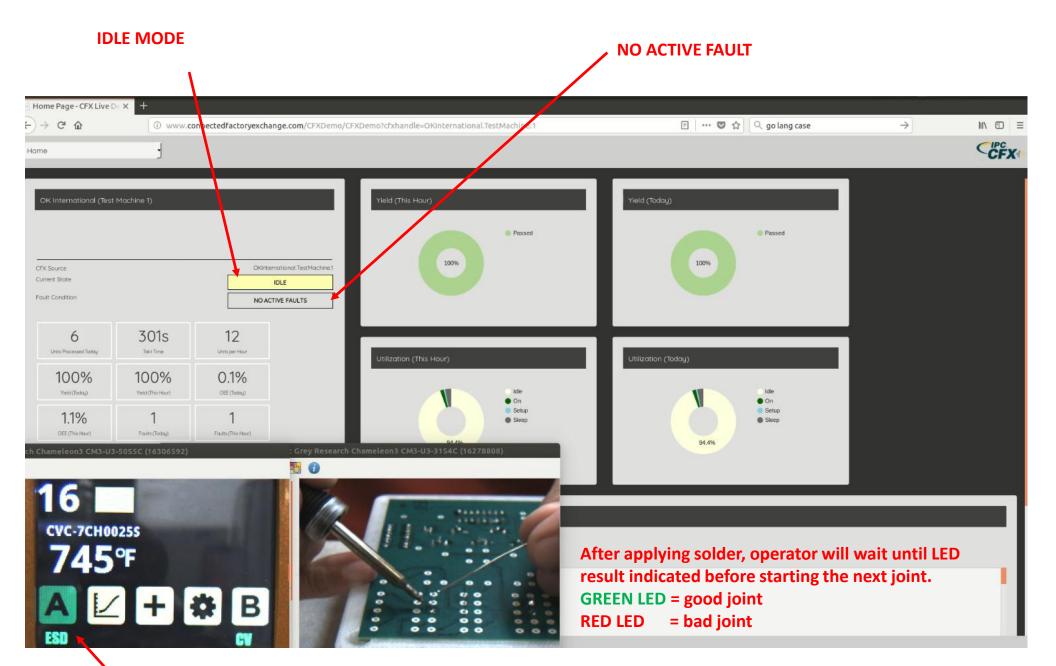
IPC CFX Process Control and Traceability

Metcal Real Time Risk Mitigation in Hand Soldering Application

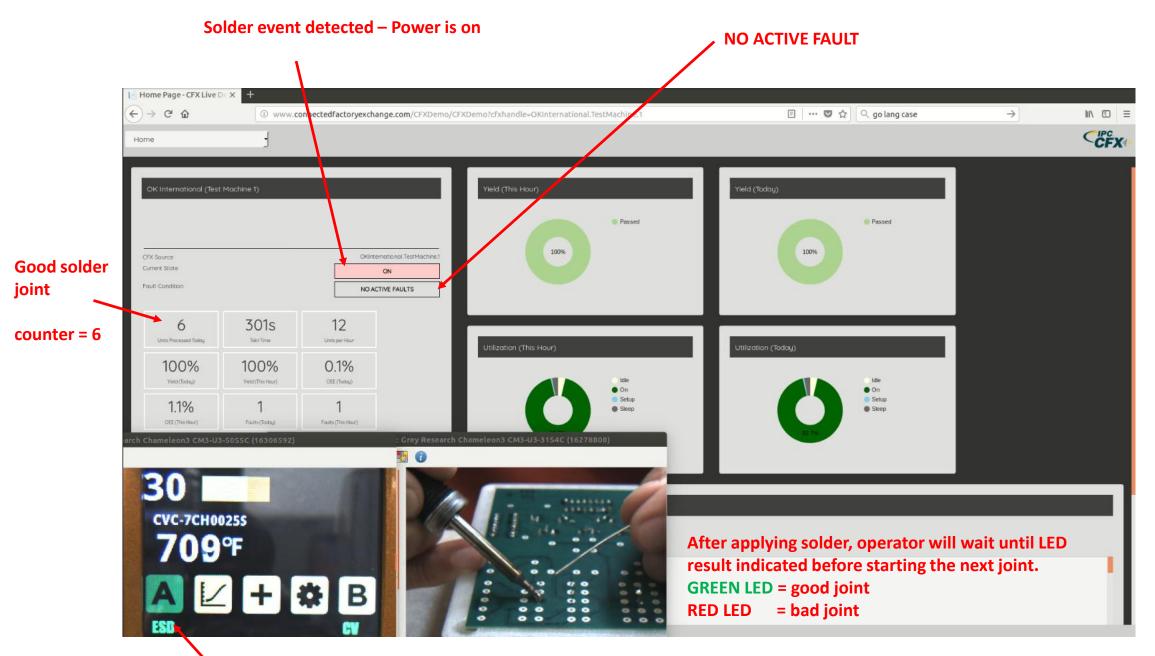
www.connectedfactoryexchange.com/CFXDemo/.. Metcal demo page Traceability: Error status **■4 1** En 🖇 🖦 4× 3:17 PM 🗳 Home Page - CFX Live D X ← → C 0 □ ··· ♥ ☆ Q go lang case CFX **Power status** 100% 100% OKInternational.TestMachine.1 **Good solder** joint NO ACTIVE FAULTS counter 301s **Bad solder** joint 100% 100% counter 1.1% **10 Process control:** after applying solder, operator will wait until LED result indicated before starting the next joint. **Traceability**: Metcal Connection Validation CV-5200 Power Supply **Demo work station**



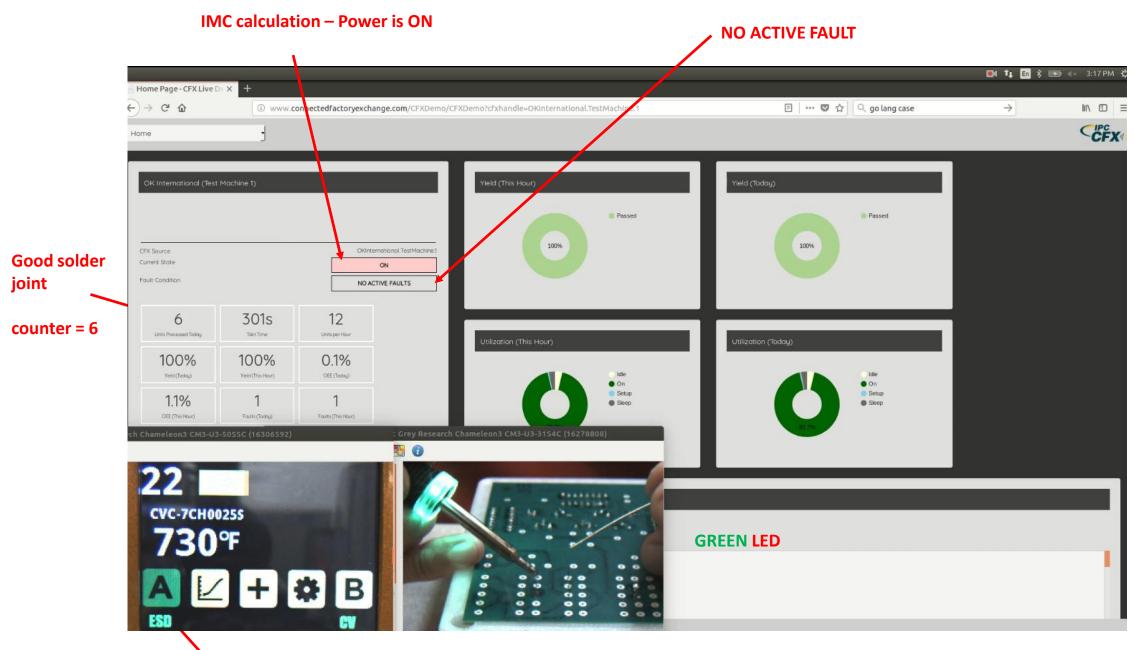
Power saving SLEEP MODE



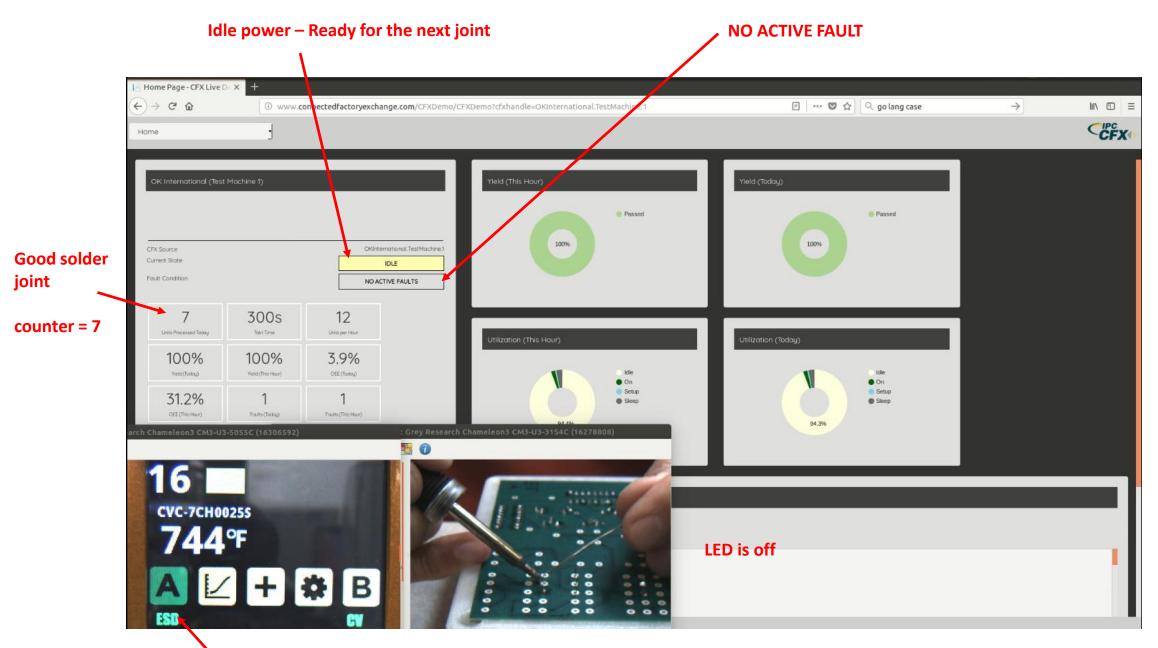
IDLE MODE – Idle tip temperature: 745F – Idle power: 16W - Cartridge part number: CVC-7CH0025S



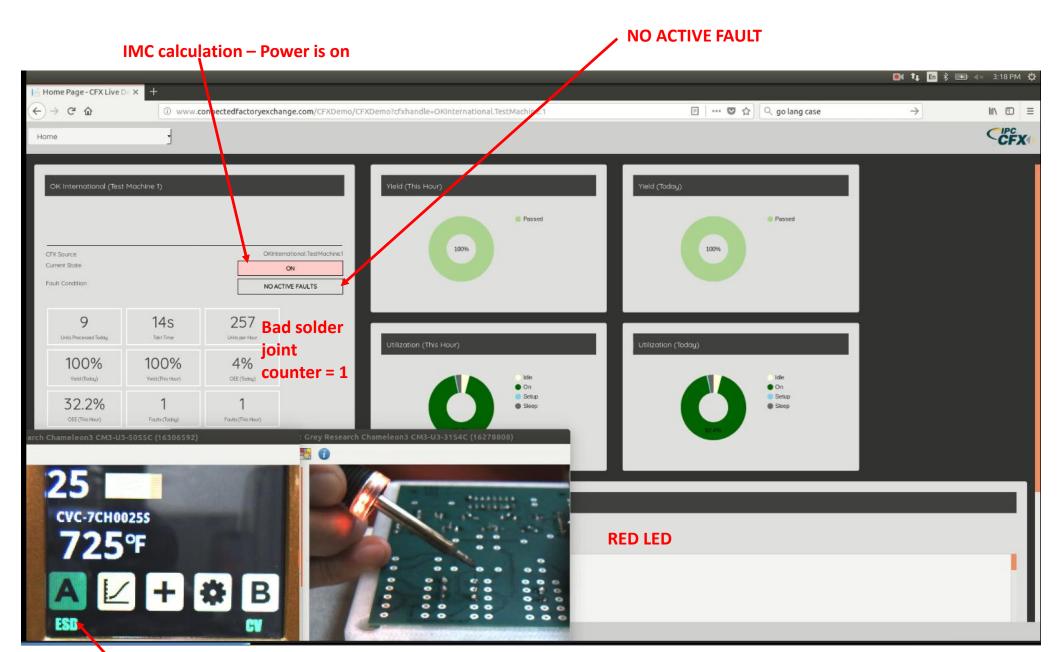
Power is ON – Idle tip temperature: 709F – Idle power: 30W - Cartridge part number: CVC-7CH0025S



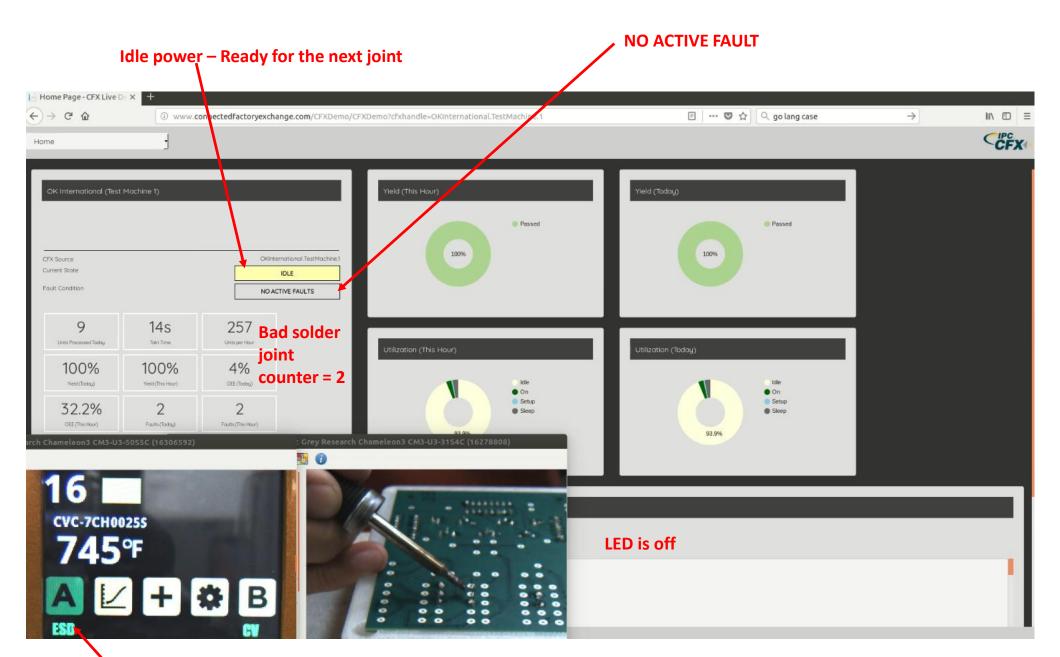
Power is ON – Idle tip temperature: 709F – Idle power: 30W - Cartridge part number: CVC-7CH0025S



Idle power – Idle tip temperature: 744F – Idle power: 16W - Cartridge part number: CVC-7CH0025S



Power is on – Idle tip temperature: 725F – Idle power: 25W - Cartridge part number: CVC-7CH0025S



Power is on – Idle tip temperature: 745F – Idle power: 16W - Cartridge part number: CVC-7CH0025S

ESD event detected Home Page - CFX Live D X □ ··· ▼ ☆ Q go lang case \rightarrow ← → C' @ ① www.connectedfactoryexchange.com/CFXDemo/CFXDemo?cfxhandle=OKInternational.TestMach CFX Home Passed Passed 100% CFX Source OKInternational.TestMachine.1 Current State Fault Condition 277 Bad solder 13s Units Processed Today joint 0.2% counter = 2 100% 100% Yield (Today) Yield (This Hour) 1.7% 5 Foults (Today) Faults (This Hour) : Grey Research Chameleon3 CM3-U3-3154C (16278808) CVC-7CH00255