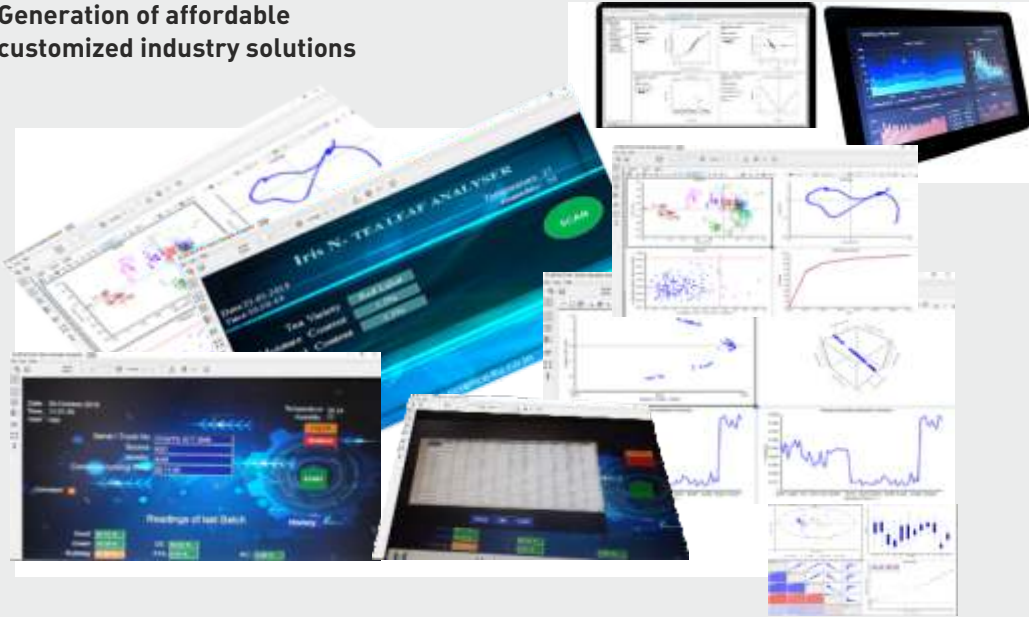


Iris® V

Generation of affordable
customized industry solutions



Customized **Human Machine Interface (HMI)** and **Graphical User Interface(GUI)** as per International norms could be provided on Industry based needs. Further **Process Analysis Techniques (PAT)** can be implemented on your specific industry needs with options which can be compatible with your existing data acquisition systems.

Not just as a solution provider but we will associate with you to make your operator smarter by means of latest technology invention at par with International industry standards. We associate with you for feasibility studies, R&D and as a completely suitable solution provider - in your development journey to overcome all challenges to pursue your objectives.

Contact us for your Iris® V; Vision Based Solution Development Suite

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Iris® V

Customized Solutions with Image Sensor and Cameras



For applications in:

- Food & Beverages
- Agriculture
- Plantations
- Breweries
- Mines and Ores
- Oil & Gas
- Chemicals & Fertilizers
- Pharmaceuticals
- Pulp & Paper



Custom made and programmed for your specific repetitive measurements on images



PRODUCTS	CLASSIFICATION	PARAMETERS
Leaves Granules Beads/Grains Powder Flakes Spices Nuts Timber Oils Coal Rubber Iron Ore Spirits Beverages Sugars ...	Colour Shape Size Distribution Cluster Character Pattern...	Volume Length Area Perimeter Weight Crack Intensity Visibility Clarity Haze Count...



Iris -V a imaging or vision based analytical instrumentation system working based on **Inferential method to predict and validate classifications** in non-supervisory mode with **camera or sensor data** . The smart vision sensor data or images are **pre-processed to extract visible information of interest** in nature from the samples under study.

Iris -V system based solution is **adoptable** as well as **portable** and **does not require any sample preparation, avoids chemical wastes, time optimized, non-destructive, non-invasive** and **provide instant results** with high **repeatability** on vital **multiple parameters measured simultaneously** by avoiding typical errors of classical lab and manual measurements methods .

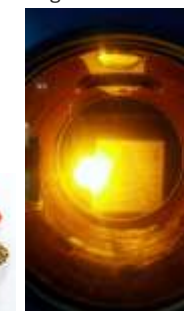
Available are different models of the Iris V analytical instrumentation system based solution; for Process Mount, Laboratory Tabletop, for Handheld Field Measurements, Drone Mount, Automobile Mount, Instrument/microscope Mount, etc...

Automated instant **Iron-Ore Pellets** size measurement, display, control and report generation



General	Camera	Others
Measurement Accuracy or upto 1mm	Minimum 5MP upto 22MP	14 Inch instant display
Ideal Speed of 300ms	Zoom or Wide Lens	Softcopy Report
Coverage Area upto 1 Sq Meter	High Intensity Lighting	Optional LAN Connect Alarms
Non-Invasive	Inbuilt Computer	DAS Writing Report Printer
Size Analysis	HDMI Output	Installation Time 2 Days
Histogram Charts	WIFI & Bluetooth Connectivity	Warranty 1 Year

Iron-Ore Pellets size measurements can be calibrated to weight distribution



Iris-V is latest state of the art of technology design that comes with an inbuilt powerful multipurpose single board computer to take care of samples' **data capturing, data analysis, data processing and data/report presentations**. The system has the capability of communicating to external device through wireless mode and also has the facility to incorporate a touch screen display which can be mounted on the system itself.

Iris-V will be available as a working solution to be easily adoptable for Decision support (DS)/ Decision Support Solution(DSS) to enhance process capability and improve Product stability at low cost efficiently.

Iris-V **will be custom built upon your specific parameters of interest** and the sensors/cameras and software analytical models needed for the same will be designed and deployed accordingly to give you a tailor made solution which is **highly cost effective**.