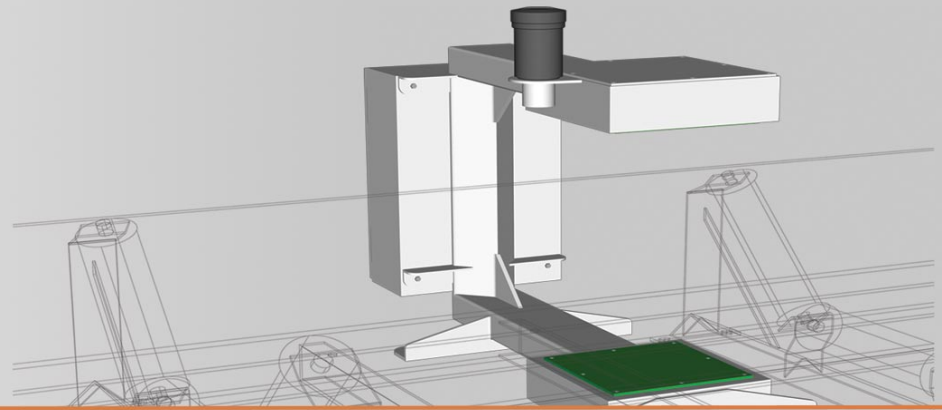


# Moist//Scan® Online Microwave Moisture Analysers

Manufactured by

Callidan Instruments Pty Ltd

**Callidan Instruments**  
[www.moistscan.com](http://www.moistscan.com)

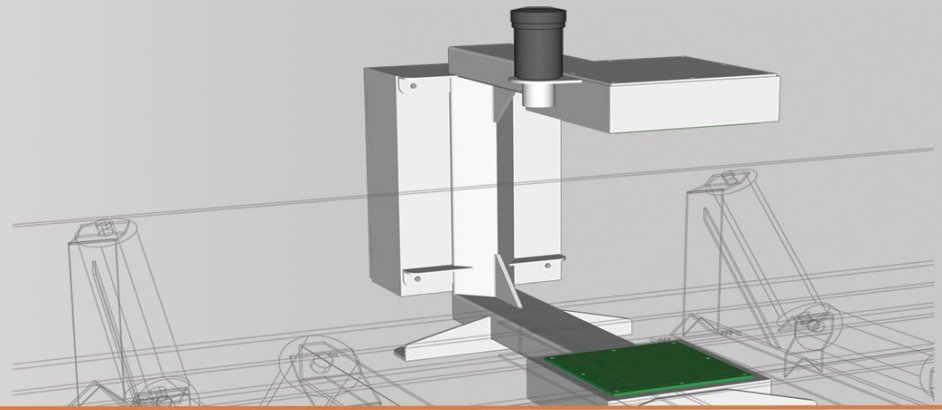


## What we will Discuss

- About Callidan
- Our Products
- Uses
- Our Services
- Our Customers

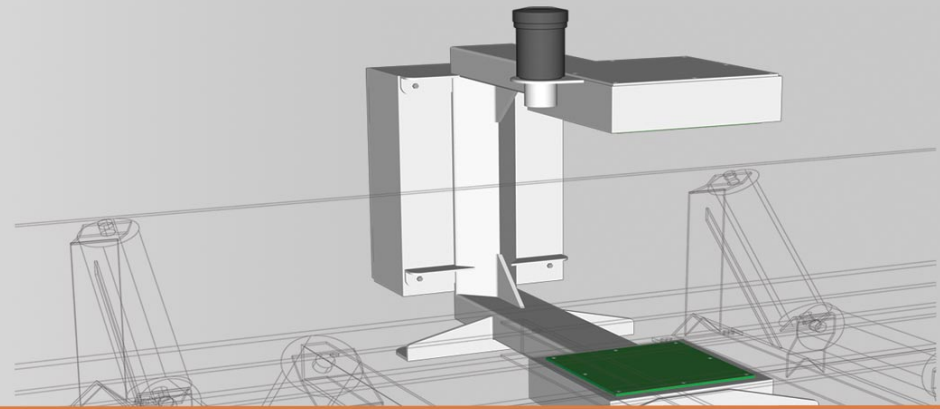
WINNER 2007  
AUSTRALIAN  
**EXPORT AWARDS**





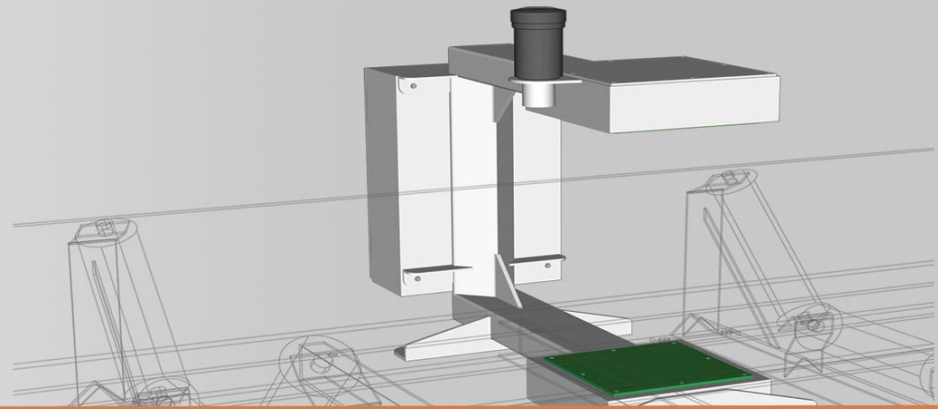
# About Callidan Instruments

- Callidan Instruments
- Online moisture analysis
- Moisture control solution providers



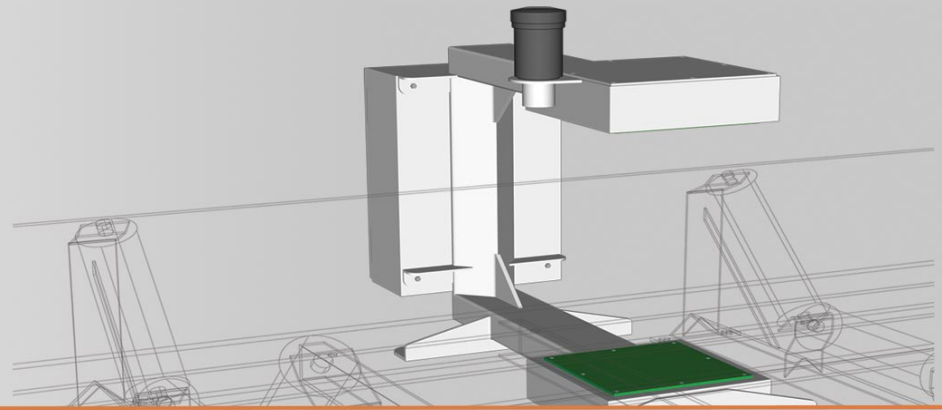
## How We Are Different

- Sole focus is moisture analysis & control
- Pit to Port solutions
- Paddock to Plate solutions



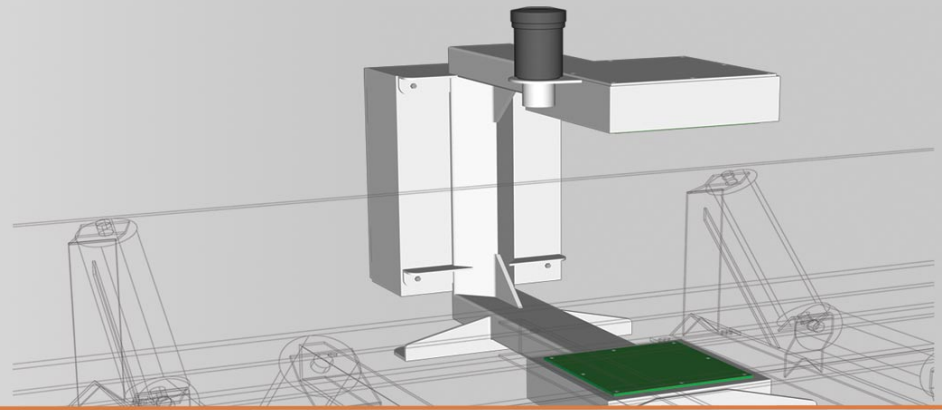
# Our Products

- On Belt Conveyor Analysers
- In Pipe Analyser
- In Screw Feeder Analyser
- In Chute Analyser
- On Belt Filters Analysers
- At Line Bench Top Analyser



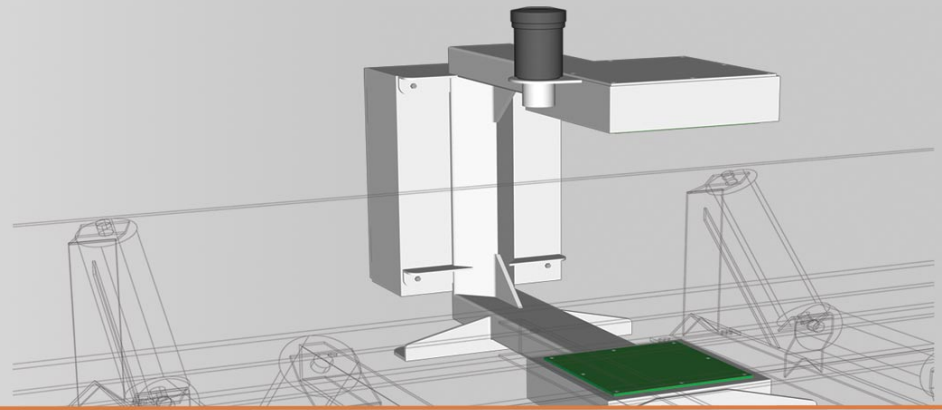
## MoistScan MA-500





## MoistScan MA-500HD

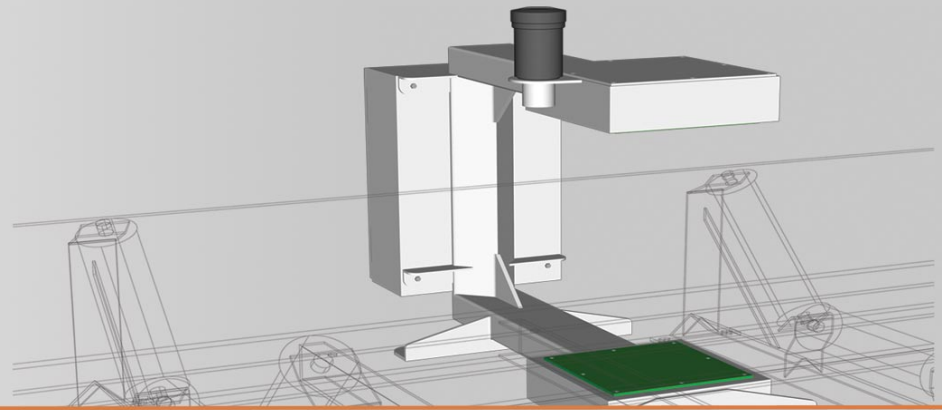




## MoistScan MA-500HDi

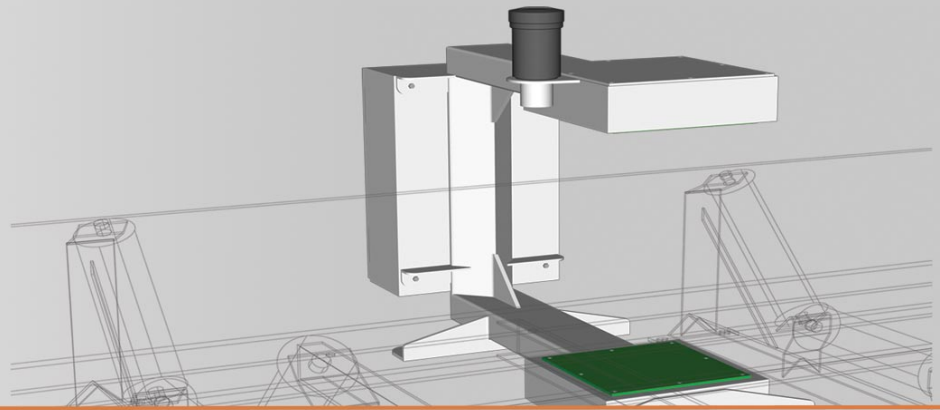






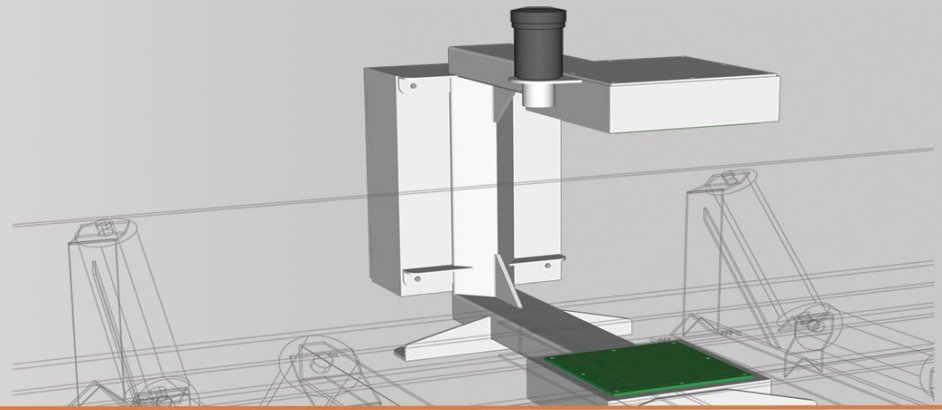
## MoistScan MA-600





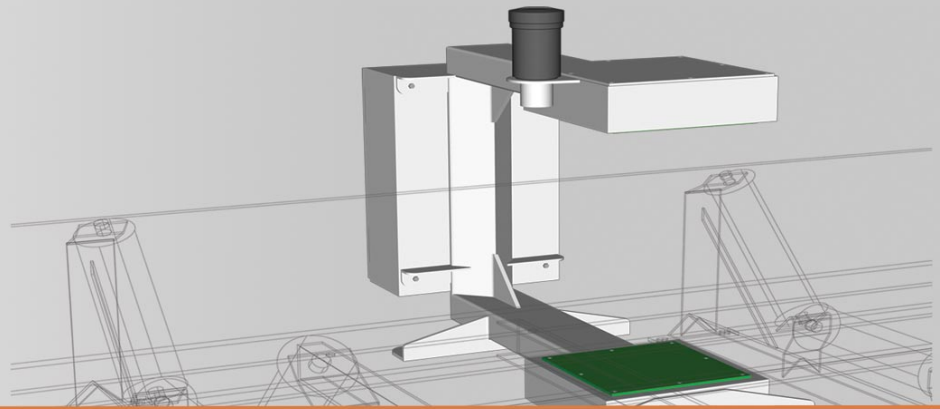
## MoistScan MA-600VDF





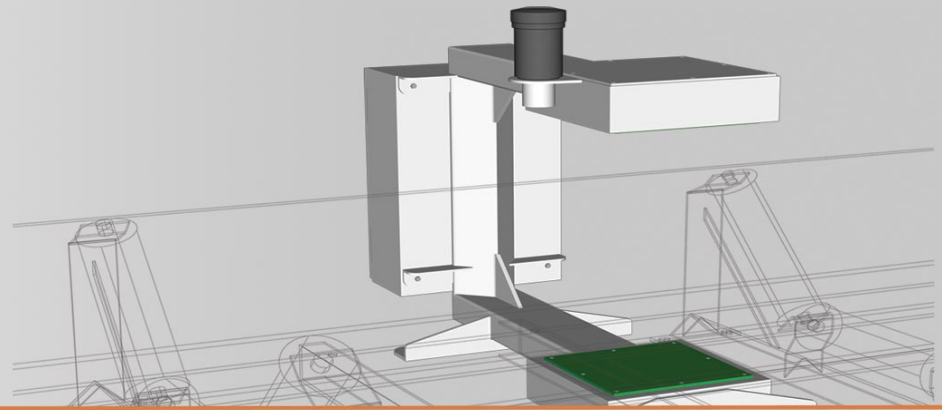
## MoistScan MA-700



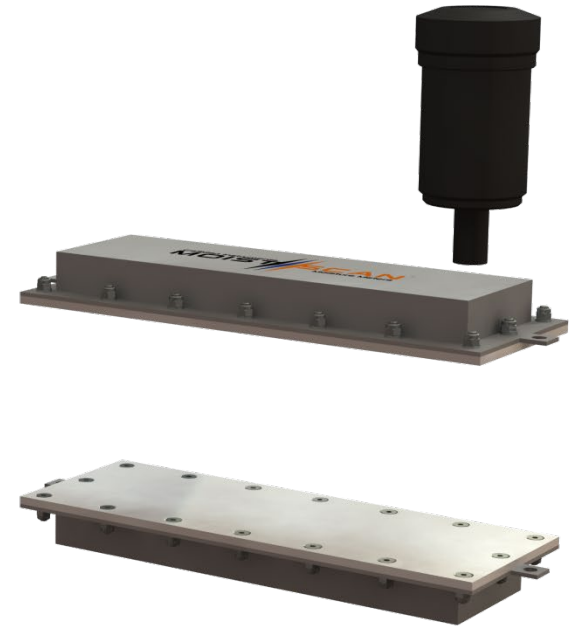


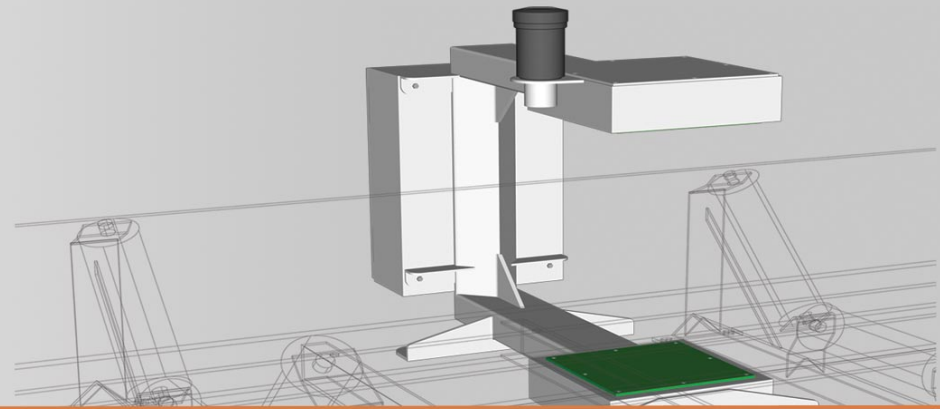
## MoistScan MA-600SF





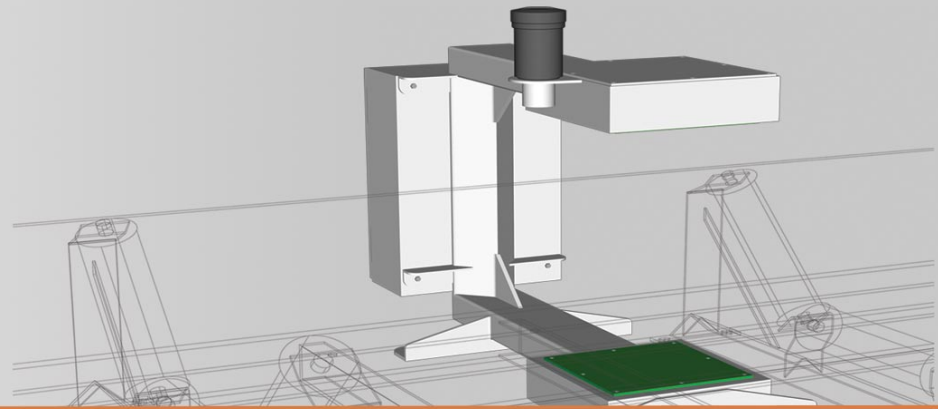
## MoistScan MA-600 Custom Design





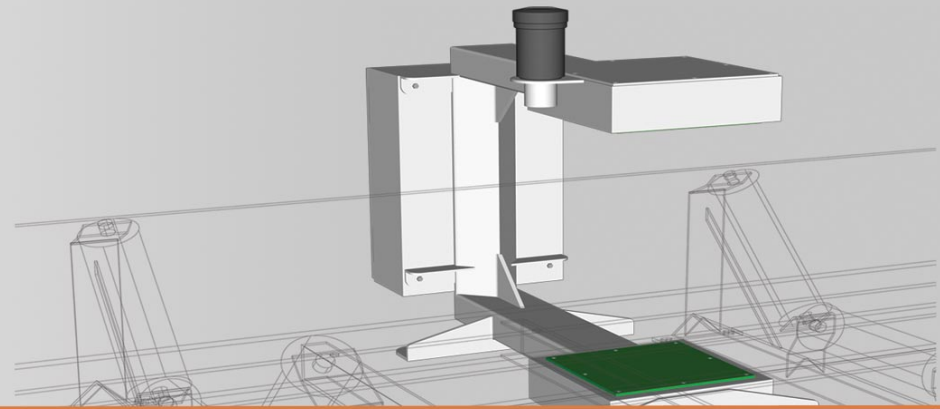
# Uses

- Yield Improvement
- Dust Control
- Dry Tonnage Calculation
- Materials Handling
- Dewatering
- Drying & Calcination
- Pelletizing and Sintering
- Quality Control



# Our Services

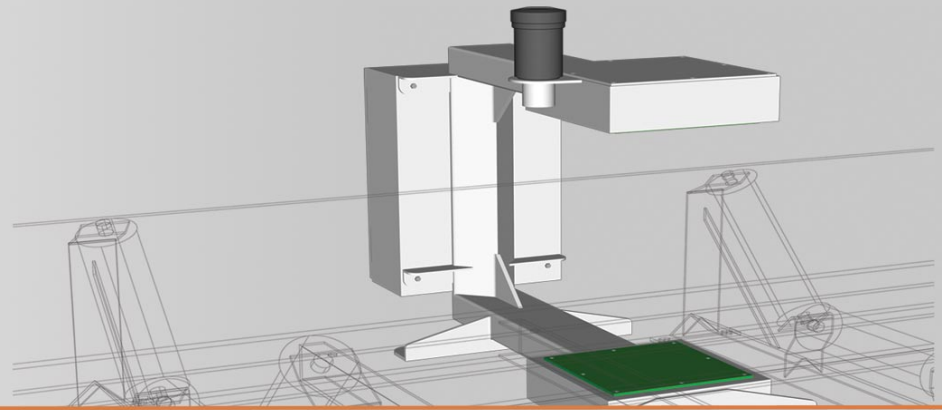
- Application Assessment
- Commissioning & Calibration
- Service & Support
- Custom Designed Solutions
- Process Control
- R&D
- OEM Integration



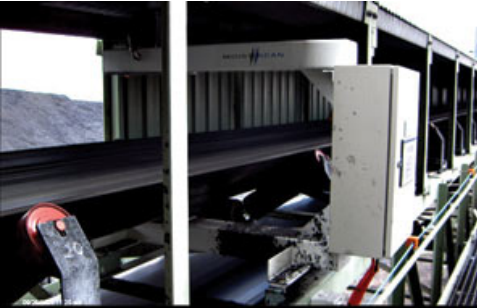
# Our Customers







# INSTALLATIONS



COAL



NICKEL ORE



ZINC CONCENTRATE



JERKY

Stainless MA-600



IRON ORE



Ammonium Phosphate



BAGASSE



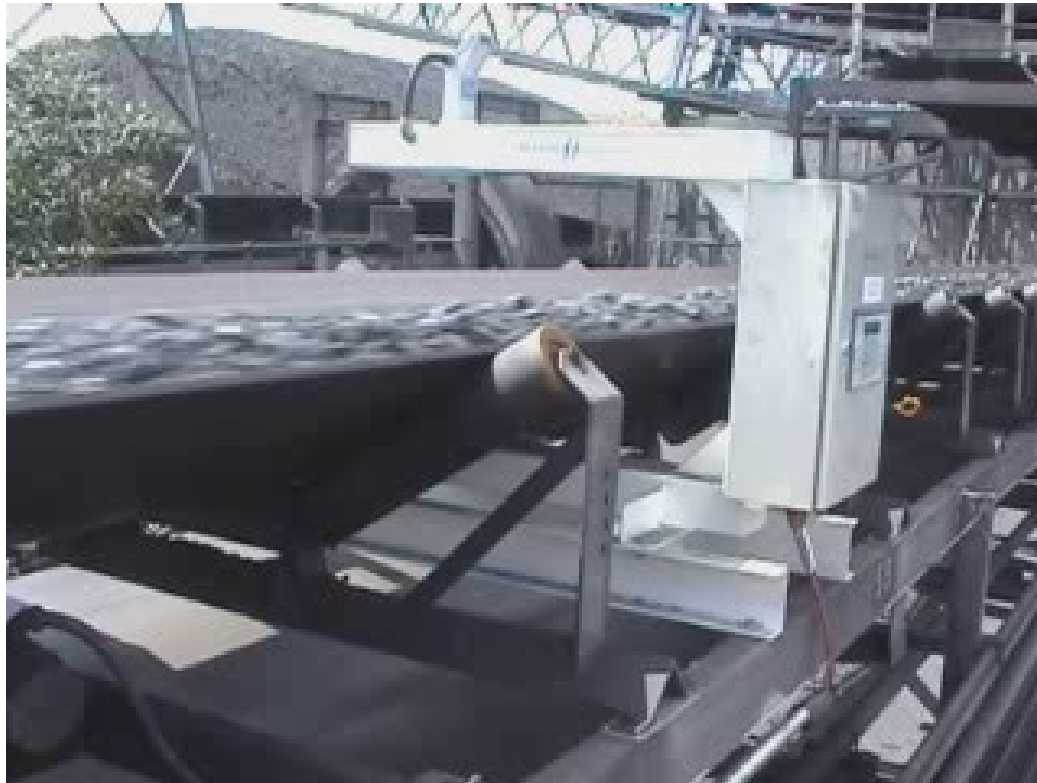
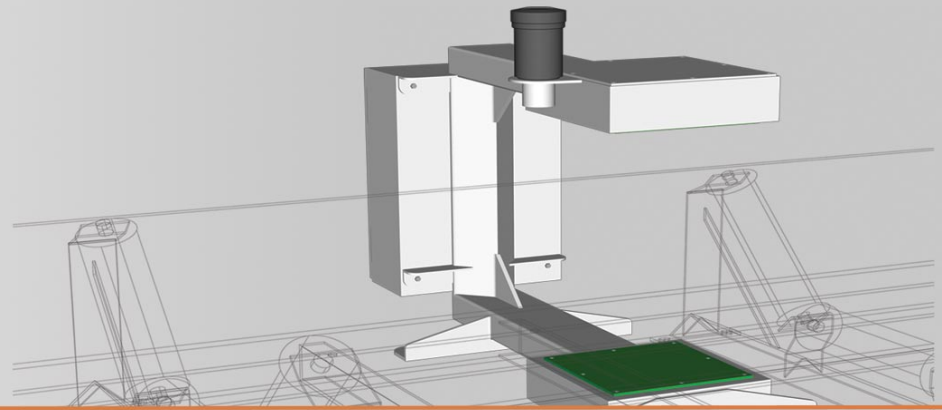
CHAR

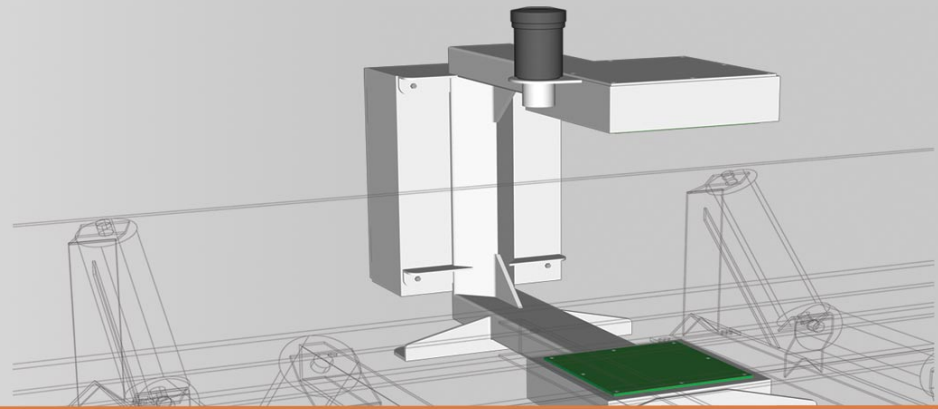
MA-600SF

MA-500HD

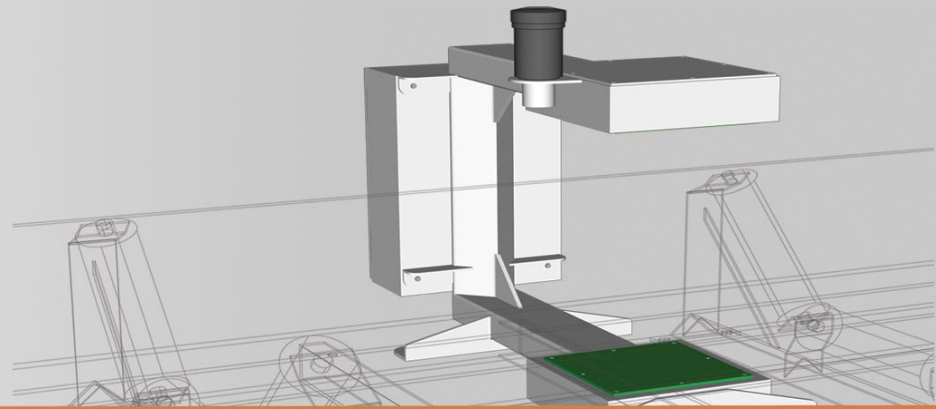
MA-500

MA-500





<b>Benefits</b>	<b>Features</b>
<ul style="list-style-type: none"> <li>• Superior Precision and Accuracy</li> </ul>	<ul style="list-style-type: none"> <li>• Analyzes 100% of the material on the conveyor from top to bottom.</li> <li>• Uses MoistScan<sup>®</sup> patented microwave technology which is the most popular microwave technology on the market for measuring moisture in bulk materials.</li> </ul>
<ul style="list-style-type: none"> <li>• Belt Scale not required</li> </ul>	<ul style="list-style-type: none"> <li>• Measures the bed depth of the material to compensate for mass flow rate. Other microwave analysers require an input from a beltweigher or a radioactive source</li> </ul>
<ul style="list-style-type: none"> <li>• Non Contact</li> </ul>	<ul style="list-style-type: none"> <li>• No contact with the material of sampling is required</li> </ul>
<ul style="list-style-type: none"> <li>• Non Nucleonic</li> </ul>	<ul style="list-style-type: none"> <li>• No radioactive source is required</li> </ul>



Benefits	Features
<ul style="list-style-type: none"> <li>• Low Whole of Life Costs</li> </ul>	<ul style="list-style-type: none"> <li>• As no beltweigher or radioactive sources is required ongoing costs associated with servicing and regulatory compliance is minimal</li> </ul>
<ul style="list-style-type: none"> <li>• Easy to Install</li> </ul>	<ul style="list-style-type: none"> <li>• Fully assembled and easily bolts to the stringer supports of the conveyor</li> </ul>
<ul style="list-style-type: none"> <li>• Seamless Plant Integration</li> </ul>	<ul style="list-style-type: none"> <li>• Wide range of communication options for transmitting data to Plant PLC</li> </ul>
<ul style="list-style-type: none"> <li>• Remote Access Calibration &amp; Servicing</li> </ul>	<ul style="list-style-type: none"> <li>• Cost-effective remote communication access for periodic checking of calibration</li> </ul>