



Best Smart
Solution

AI DEEP LEARNING



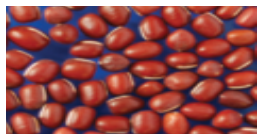
SMART AI DOUBLE SORTING



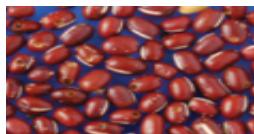
SMART AI SERIES

SORTING APPLICATIONS

Beans



Red Bean Accept



Red Bean Reject



Soybean Accept



Soybean Reject



Mung Bean Accept



Mung Bean Reject

Peanut



Peanut Pod Accept



Peanut Pod Reject



Peanut Pod Single Head



Peanut Accept



Peanut Reject Bud Head



Peanut Reject

Seeds



Sunflower Seeds Accept
Accepts



Sunflower Seeds Reject



Watermelon Seeds Accept



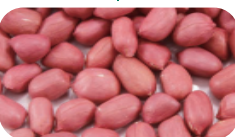
Watermelon Seeds Reject



Pumpkin Seeds Accept



Pumpkin Seeds Reject



peanut



balanced peanut



roasted peanut



channa



pigeon pea



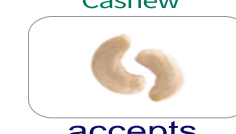
red kidney bean



dehydrate garlic



dehydrate onion



accepts



mildew/spotted



accepts



peeled kernel

Wheat



accepts



rejects

Chana dal



accepts



rejects

Black Sesame



accepts



rejects

Unhulled Rice



accepts



rejects



colorful plastic



stalk



accepts



rejects



accepts



rejects



stone



glass



accepts



rejects

SPICES



Cumin seeds



Ajwani



Varyali



Coriander

SHAIK KHADAR BASHA:- 9429217866, 9909311377

Aashatha Village, Blockno.44. Opp.jyoti Cnc, . Metoda Gidc Gate No.3, Kalawad Road, Rajkot -

India Pin Code:-360021

basha225118@gmail.com

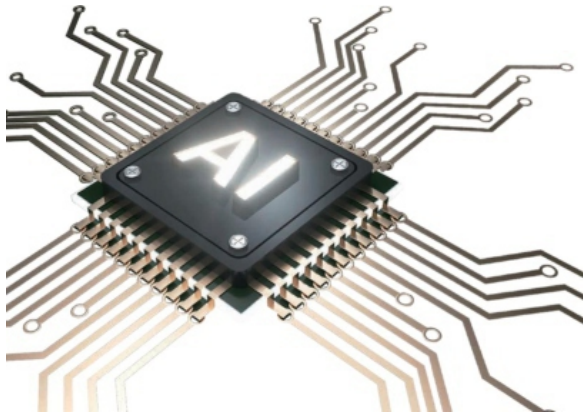
bestmartsolution007@gmail.com

Simple & Friendly AI Interface Inside

Extremely simplified human-machine interface to make commissioning and operation much easier thanks to proprietary AI sorting technologies like deep self-learning.



AI DEEP LEARNING PLATFORM



AI Deep learning attempts to mimic the human brain, enabling systems to cluster data and making predictions with incredible accuracy.

AI Deep learning is a subset of machine learning, which is essentially a neural network with three or more layers. These neural networks attempt to mimic the behavior of the human brain, allowing it to "learn" from large amounts of data. **While a single-layer neural network can still Make approximate predictions, additional hidden layers can help optimize and refine accuracy.**

AI DEEP LEARNING PLATFORM

Impurities or defects that can be identified by the human eyes but are difficult to define by traditional algorithms can be solved by **AI Deep Learning!**

AI deep learning solutions, based on a massive sample database, can calibrate complex detailed features from color, shape, texture, etc. according to customer needs, building and iterating deep learning sorting models, so that the machine can simulate the human brain computing and independent learning, achieving accurate analysis, identification, and sorting of materials, meeting the customer's refined sorting needs.

AI DEEP LEARNING SOLUTIONS Customized your own AI Deep Learning Solutions

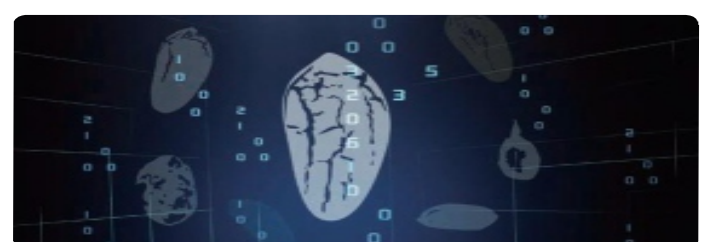
01 Step 1 Equipment

Go get a Color Sorter equipped with AI Deep Learning technology;



02 Step 2 Data Collection

After the material is sorted by the color sorter, a large number of high-definition photos of foreign matter and defects are collected, and a database model is established;



03 Step 3 Calibration

AI deep learning R&D platform calibrates the pictures of foreign objects and defects;



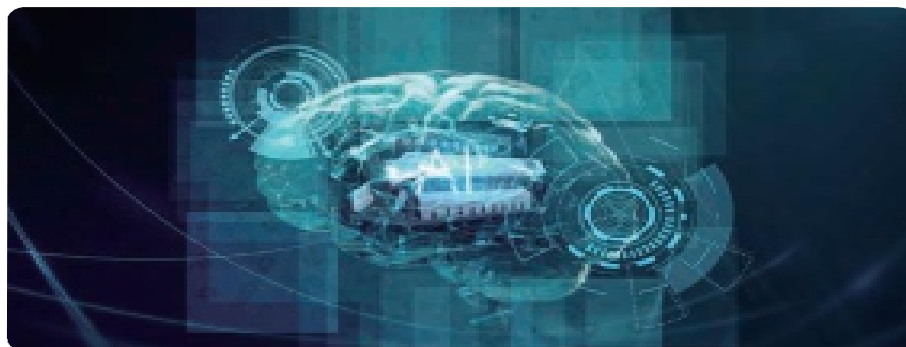
04 Step 4 Solution Generation

AI deep learning R&D platform generates AI deep learning solutions and embeds in the machines;



05 Step 5 Machine Self-learning

Machine self-learns data features, identifying differentiation;



06 Step 6 Outcome Verification

Test the improvement of AI deep learning solution to sorting effects;



07 Step 7 Optimization

Support further expansion & optimization for new requirements.

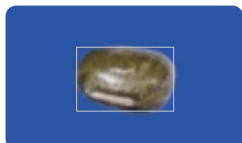


■ Part of material display

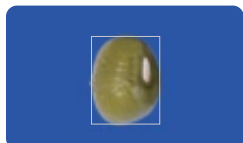
Mung bean



Accept



Discolored



Wrinkle

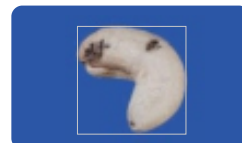
Cashew



Accept



Single spot



Multi spot



Wrinkled skin



Big red skin

Sunflower seed



Accept



Wormhole



Cracked



Motley shell

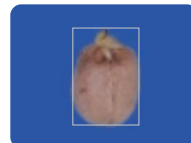


Broken

Peanut kernel



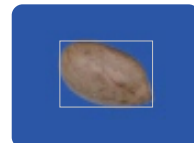
Accept



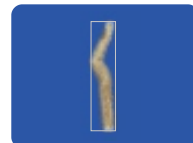
Germinant



Moldy

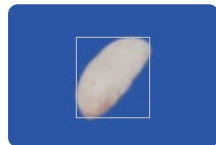


Frozened

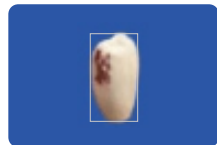


Stalk

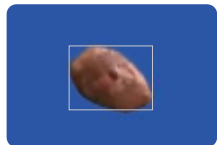
Peeled peanut kernel



Accept

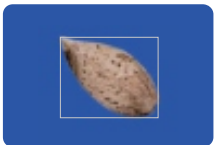


peanut kernel with skin

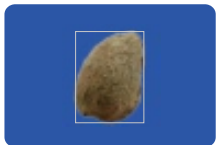


Moldy

Almond



Accept

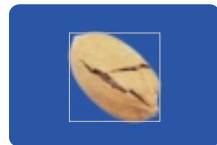


Immature

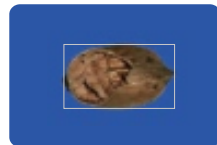


Moldy

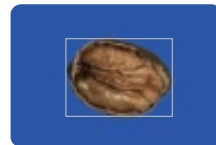
Pecan



Accept

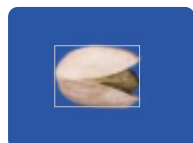


Empty

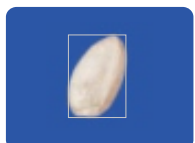


Wrinkle

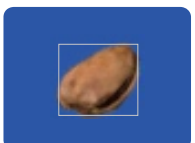
Postachio



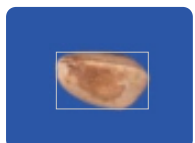
Accept



Closed

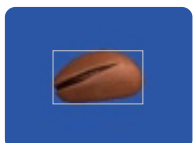


Diseased spot

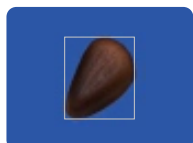


Rusty spot

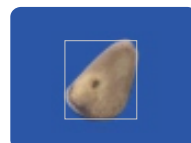
Pine nut



Accept

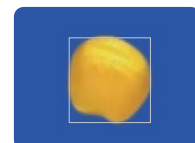


Oil pine nut

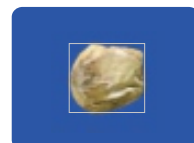


White pine nut

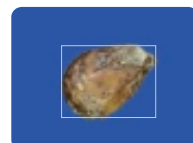
Maize



Accept

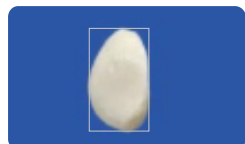


Grey moldy

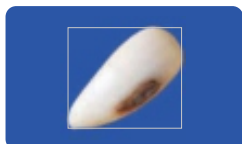


Red moldy

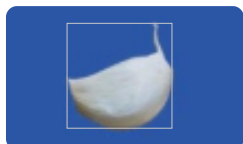
Garlic



Accept



Scar



White peel



Germinant

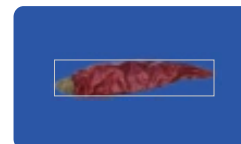
Pepper



Accept



Chili handle



Chili Cap



Motley shell

■ We can do MORE...



PARAMETERS

SMART AI SERIES

Model	Throughput (T/H)	Accuracy (%)	Voltage (V/Hz)	Power (KW)	Weight (Kg)	Dimension (mm)
SMART UHD - 3	2-3.5	≥99.9%	220/50	2.2	947	1847*1777*1887
SMART UHD - 4	2.5-4	≥99.9%	220/50	2.9	1162	2162*1777*1887
SMART UHD - 5	3-5	≥99.9%	220/50	3.7	1300	2478*1777*1887
SMART UHD - 6	3.5-6	≥99.9%	220/50	4.4	1450	2819*1829*1887
SMART UHD - 7	4-7	≥99.9%	220/50	5.2	1620	3132*1823*1887
SMART UHD - 8	4.5-8	≥99.9%	220/50	5.9	1820	3447*1823*1887
SMART UHD -10	5-10	≥99.9%	220/50	7.3	2170	4087*1823*1887
SMART UHD - 12	6-12	≥99.9%	220/50	8.8	2520	4840*1881*1887

Note: The above parameters will vary according to the impurity content of raw materials.



■ TECHNICAL SPECIFICATIONS

Name	Model	Ejectors	Power (KW)	Voltage (V)	Air Pressure (Mpa)	Air Consumption (m³/min)	Throughput (T/H)	Accuracy (%)	Carryover ratio Bad - Good
SMART 300	6SXZ-64	64	1.5	180~240V 50Hz	0.6~0.8	<1.5	500kg	>99%	>8:1
SMART 600	6SXZ-128	128	2.0	180~240V 50Hz	0.6~0.8	<2.0	1000kg	>99%	>8:1
SMART 1200	6SXZ-256	256	3.0	180~240V 50Hz	0.6~0.8	<3.0	1.5 to 2000kg	>99%	>8:1

Note:- The Specific Parameters May Vary Due To Difference In Environment Materials, And Grading

SHAIK KHADAR BASHA:- 9429217866, 9909311377

Aashatha Village, Blockno.44. Opp.jyoti Cnc, . Metoda Gidc Gate No.3, Kalawad Road, Rajkot -
India Pin Code:-360021

basha225118@gmail.com

bestmartsolution007@gmail.com