

- **Technical Specifications- 3-5 Stage & Infra-Red**

MODEL	3 STAGE INTELLIGENT 4000T (768)	3 STAGE INTELLIGENT 6000T (1152)	3 STAGE (REVERSIBLE) INTELLIGENT 6000T (1152)	4 STAGE (REVERSIBLE) INTELLIGENT 6000T (1536)	5 STAGE (REVERSIBLE) INTELLIGENT 6000T (1920)	3 STAGE IR INTELLIGENT 6000 T (1152)
Dimensions (LxWxH-mm)	1920x2250x3500	2730x2250x3500	2730x2400x3200	3000x2700 x4000	3000x3100 x4000	2860 x2735 x3920
Power Kw	3.2	3.5		6	7.5	3.5
Weight	1850	2100	2300	3800	4300	3800
Ejectors	768	1152	1152	1536	1920	1152
Chutes	12	18		24	30	18
Scan System	Third Generation Cloud Version - Hawk Eye Technology 4 Color RGBW 8192 Pixel Full Color Camera / InGaAs Recognition- Infra-Red Option					
Cameras	12	18		24	30	RGBW Color- 18 + IR- 18= 36
Vision lamp	Infinite variable Crystal White LED Lamp					
Capacity- Kg/Hr.	1200	1600-2000	1600	2200-2600	2600-3000	1600-3600
Vibrators	5	7				
Air Compressor	Screw Air Compressor 15-30 KW					
Air dryer	Refrigerated Air Drier 3-.7.5 CBM					
A.V.R- Kw	5			7.5		
Special	Self-Intelligent/ One Click Smart Operation/ Remote Function/ Auto Programming-Video/ Silver, Golden Tip Separator/ Compatible for Herbs & Specialties/ Elimination of Impurities/ Reverse Mode Action & Grading Option/ Combination of Japanese, German, UK & Swedish Technology					
Guarantee	2 Years					

- **Anysort is the 1st Company to achieve the following certifications in Global Color Sorter Industry**
 - ISO 9001: 2000 Quality Management System Certification.
 - ISO 14000 Environmental Managements System/ Occupational Health & Safety Management System Certification.
- **Anysort has consecutively won the following titles in China**
 - Consecutively Honored as Most Advance Technology Title in China.
 - Consecutively Honored as Most Influential Color Sorter Brand in China.
 - Consecutively Honored as Most Technologically Advanced Color Sorter Title in China.
 - Consecutively Honored for Highest Quality Product Title & Quality Management Systems.
 - Computer Software Copyright Registration Certification.
 - Honored as “AAA” Level Enterprise of Credit Evaluation.

- **Cloud Internet of Things Technology**

- Real time Online Service.
- Online Technical Support.
- Online Diagnosis.
- Online Software Upgrade.
- Online Data Exchange.
- Online Operation Management.
- Creates new Era of Zero-Distance.

- **Most Advanced Cloud Version consisting of 4 Color RGBW Full Color Camera**

- Consists with **Toshiba (Japanese) 8192 Pixel 4 Color RGBW Full Color Camera**. Pioneer in **Global Innovation Third Generation Cloud Version consisting of 4 Color RGBW adopting Hawk-Eye Recognition Technology into camera**, compared to Second Generation CCD 3 Color RGB. This is one of the **Major Differences** from the cameras used in the competing 3 Color CCD & Bichromatic (RGB / Black & White) Camera Color Separators.
- Self-Intelligent Version with One Click Smart Operation-** Minimize human errors & analyses optimum parameters for different raw materials automatically.
- Exclusive retaining / Rejecting of **Silver & Golden Tips** compared to competing models. Actual color detection, rejects even Intermediate Colors including **Black Stalks/ Red-Ends** effectively & **Silver and Golden Tips can be Retained** effectively.
- Consists of **Discolor and Discolor Reverse Modes** Extracting remaining Black Tea from Refuse Tea. This option will ensure elimination of 100% Stalks/ Red Ends to be rejected.
- Intelligent Shape Sorting-** Initiative **Multidimensional space algorithm** can identify & sort as per **Shape, Length & Thickness**.
- Only Color Separator in the Globe, which consists with **Cloud Version Hawk Eye Technology, Remote Function Mode with Video Option**, which facilitates **Auto Programming**.
- All Semiconductor Chips & Circuits consist of ARM Brand from UK, world's leading Semiconductor Producer.**

- **Option of Infrared Camera**

- InGaAs Recognition Technology- Infrared Camera** with Ultra-High Resolution & wide range of Spectral Response at **Any Stage** (Upper/ Middle/ Lower) & **Any Position** (Front or Back) - Eliminates all **Impurities including Black Color Impurities**; Plastics, Stones, Sand, Glasses, Metals, Non Metallic Particles, Nylon, Paper, Insects, Animal Stool & all Non Tea Malignant Impurities.

- **Japanese Phoenix Lens**

- All models consists of Highly Efficient/ Durable Japanese Phoenix Lens.

- **Self-Intelligent Mode with Remote Function & Video Option**

- Self-Intelligent / One-Click Cloud Smart operation, which analyses optimum parameters automatically.
- Auto Programmable through Video.
- Precise/ Accurate Sorting.

- iv. Remote Function.
- v. Cloud Version Hawk Eye Technology.
- vi. Access & Programmable from Anywhere in the Globe.
- vii. Global Innovation of Internet of Things Technology.

● Ejector Valve

- i. Equipped with high speed **German Air Ejector** valves, the world leaders in ejector technology. This unique air valve has a response time of 1000 m.secs & **longer life time up to 10 Billion** times.
- ii. **High Blowing Accuracy** reduces the possibility of good Tea Particles being rejected along with the Stalks/ Red Ends.
- iii. Ultra-Low Air Consumption, Ultra Power Saving, Zero Damage to Tea, Super Silence, Perfect Self Recovery System- Low Maintenance Cost.
- iv. Tolerant to **Extreme Conditions & Moisture**.

● Led Technology

- i. **Infinite variable LED light control Technology-** Only Tea Color Separator machine in the Globe with **Crystal White Exposed LED (German- Osram)** Technology.
- ii. Brightness of the LED lamps are 9500 Lux, Five times Brighter than a general Fluorescent Lamp which is used in competing models. This feature can distinguish a range of 65,000 Colors.
- iii. **Durability** of LED Lamps, are more than **Ten times** the conventional Fluorescent Lamps.
- iv. LED lamps consumes Less Power (50-70%) compared to conventional Fluorescent Lamps.
- v. No heat build-up during long hours of operation. This factor will increase the life span of the LED.

● LED Display

- i. **Self-Intelligent One click Smart Operation.**
- ii. **Video & Remote** Functions.
- iii. **Real Color Large TFT – LED Movable Touch Screen.**
- iv. **Sharp** brand from **Japan with Win7** operating system.
- v. Operator Friendly, Easy Operation.

● Structural Advantages

- i. Option of 3, 4 & 5 Stage.
- ii. Models consists with Twelve/ Eighteen/ Twenty Four & Thirty wide **U Type Channels**.
- iii. This **Unique Technique** ensures **Precise Sorting & Higher Throughput**.
- iv. Facilitate **Even Movement** of Tea particles, **Less Damage due to Less Friction** & will Minimize Maintenance.
- v. All contact parts are made of **Stainless Steel** which facilitates smooth flow of tea.
- vi. Global Initiative Design of 5 Stage integrated with Intelligent Circulatory system. Precise separation of Yellow Stalks, Brown Stalks, Black Stalks, Slice & Flaky Leaf, Silver Tips & Golden Tips. No Re-sorting.

● Auto Dust Cleaning Function

- i. Automatic Intelligent operation.
- ii. Prevents Dust Accumulation on LED Casing.

- iii. Programmable Time Frequency.
- iv. Saves Operators Time.
- v. Enhanced/ Consistent Performance.

● Isolator Transformer/ Stabilizer

- i. Equipped with **Dual Function** Isolator Transformer & Voltage Stabilizer. This unit protects the Color Separator against,
 - **Lightening & Sudden Electrical Surges**
 - **Frequent Power Fluctuations**

● Screw Air Compressor/ Air Receiver Tank

- i. **High Efficient/ Energy Saving Swedish (Atlas Copco- Sweden) Screw Compressor.**
- ii. Ability to use on **many Color Sorters/ Automation Systems.**
- iii. **Sound Proof.**
- iv. Less Maintenance.
- v. Equipped with an Additional 1000 lt. Air Receiver Tank.

● Refrigerated Air Dryer/After Cooler

- i. Equipped with a **Swedish Refrigerated Air dryer/After Cooler (Atlas Copco- Sweden).**
- ii. Ensure **Elimination of 100% Moisture.**
- iii. Supply of **Cool Dry Air** to the ejector valves.
- iv. Enhances the Life Span of the valves and **Performance Level** of the machine.

● Trough Conveyors

- i. All discharge boxes are provided with Trough Conveyors. Option of Reversible Conveyors & additional Conveyors as per client requirements.
- ii. Inclined / Bucket Elevator & Feed Hopper.

● De-Stoner & Dust Suction (Optional)

- i. Eliminates all Stones & Heavy Objects / Eliminates all Dust particles.
- ii. Sucks all Blowout & Dust / Converts in to Purified Air.

● Anysort Advantages

- i. Combination of **Japanese/ German, Swedish & UK** Technology- Consistence Performance & High Durability.
- ii. Self-Intelligent with One Click Smart Operation- minimize human errors & analyses optimum parameters automatically.
- iii. Compatible for all types of Tea (White, Green & Black), Herbs & Specialties.
- iv. Eliminates all Impurities from Tea/ Herbs.
- v. Optional Infrared Camera.
- vi. **Free/ Regular** Performance Enhancing **Software/ Mechanical Upgrading** Irrespective of Warranty Period.
- vii. **Manufacturers Branch** in Sri Lanka. No Agents unlike in competing brands. Lowest Price.
- viii. Superior After Sales Service- **Directly by the Manufacturer.** Only Anysort has **positioned Manufacturers Engineers** Full Time in Sri Lanka, **on 24/7 on call Service.** All competing brands are serviced by the Agents Technicians.