

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

MODEL	3 STAGE (REVERSIBLE) INTELLIGENT 6000T (1152) -PRO	4 STAGE (REVERSIBLE) INTELLIGENT 6000T (1536) - PRO	5 STAGE (REVERSIBLE) INTELLIGENT 6000T (1920) - PRO	3 STAGE IR INTELLIGENT 6000 T (1152)-PRO	3 STAGE IR INTELLIGENT 6000 T (1152)-PRO-SS/FG
Dimensions (L*W*H*-mm)	3670*2360*3520	3630*3440*4020	3630*4750*4020	3430*2912*4225	3430*2912*4225
Power Kw	5.2	6.5	7	5.5	
Weight	2500	3800	4900	3450	
Ejectors	1152	1536	1920	1152	
Chutes	18	24	30	18	
Scan System	3 rd Generation Cloud Version - Hawk Eye Technology 4 Color RGBW 8192 Pixel Full Color Camera / InGaAs Recognition- Infra-Red Option				
Cameras	18	24	30	RGBW Color- 18 + IR- 18= 36	
Vision lamp	Infinite variable Crystal White LED Lamp				
Capacity- Kg/Hr.	300-500	400-600	500-700	1000-2000	1300-2600
Vibrators	7				
Air Compressor	Screw Air Compressor 15-30 KW- Inverter/ VSD				
Air dryer	Refrigerated Air Drier 3-.7.5 CBM				
A.V.R- Kw	5	7.5			
Special	Self-Intelligent-One Click Smart Operation/ Hawk-Eye-Cloud-Remote Function/ Auto Programming- Video/ Silver, Golden Tip Separator/ Compatible for Black, Green, White, CTC Teas, Herbs & Specialties/ Elimination of Impurities/ Reverse Mode & Shape Sorting Option/ Combination of Japanese, German, UK & Swedish Technology				
Guarantee	2 Years				

- **Anysort is the 1st Company to achieve the following certifications in Global Quality 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 Technologically Advanced Color Sorter Title in China
- Consecutively Honored as Most Influential Color Sorter Brand 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**

- Access & Programmable from Anywhere in the Globe
- 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 3rd Generation Cloud Version consisting of 4 Color RGBW adopting Hawk-Eye Recognition Technology into camera**, compared to 2nd 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
- Pro Version** Camera Special Features- Higher Resolution, Superior Image Quality, Better Performance, Higher Throughput, AI Technology & New Outlook
- 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 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 Quality Sorter 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 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 consist of Highly Efficient/ Durable Japanese Phoenix Lens

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

- i. Self-Intelligent / One-Click Cloud Smart operation, which analyses optimum parameters automatically
- ii. Auto Programmable through Video
- iii. 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

- **Intelligent 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 & Serviceable
- iv. Tolerant to **Extreme Conditions & Moisture**

- **Led Technology**

- i. **Infinite variable LED light control Technology-** Only Tea Quality Sorter 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 are used in competing models. This feature can distinguish a range of 65,000 Colors
- iii. **Durability** of LED Lamps, are **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. All contact parts are made of Stainless Steel which facilitates smooth flow of tea
- iii. Facilitate **Even Movement** of Tea particles, **Less Damage due to Less Friction** & will Minimize Maintenance
- iv. 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 VSD/ Inverter 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 1-2 CBM 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, Metals & Heavy Impurities / Eliminates all Dust particles
- ii. Eliminates all Hair, Coir, Nylon & Soft Impurities
- iii. Sucks all Blowout & Dust / Converts in to Purified Air

- **X-Ray Quality Sorter (Optional)**

- i. Eliminates all Stones, Metals & Heavy Impurities

- **Metal Detector (Optional)**

- i. Eliminates all Heavy Metals & Fine Metal Dust

● 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. Pro Version Camera Special Features- Higher Resolution, Superior Image Quality, Better Performance, Higher Throughput & AI Technology
- iv. Customized software as per different requirements or materials
- v. Compatible for all types of Tea (White, Green & Black), Herbs & Specialties
- vi. Compatible for Orthodox & CTC Teas
- vii. Eliminates all Impurities from Tea/ Herbs
- viii. Optional Infrared Camera
- ix. **Free/ Regular** Performance Enhancing **Software/ Mechanical Upgrading** Irrespective of Warranty Period
- x. **Manufacturers Branch** in Sri Lanka. No Agents unlike in competing brands
- xi. 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