
IntelliTrax2TM



Setup and Operation



Consult this documentation in all cases where the Attention symbol  appears. This symbol is used to inform you of any potential HAZARD or actions that may require your attention.

CE Declaration

 Hereby, X-Rite, Incorporated, declares that this AT3 Series is in compliance with the essential requirements and other relevant provisions of Directives 2014/35/EU (LVD), 2014/30/EU (EMC), and RoHS 2011/65/EU.

Federal Communications Commission Notice

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Industry Canada Compliance Statement

CAN ICES-3 (A) / NMB-3 (A)

Equipment Information



Use of this equipment in a manner other than that specified by X-Rite, Incorporated may compromise design integrity and become unsafe.

WARNING: This instrument is not for use in explosive environments.

ADVERTENCIA - NO use este aparato en los ambientes explosivos.

AVVERTIMENTO - NON usare questo apparecchio in ambienti esplosivi.

WARNUNG: Das Gerät darf in einer explosiven Umgebung NICHT verwendet werden.

AVERTISSEMENT: Cet instrument ne doit pas être utilisé dans un environnement explosif.



Instructions for disposal: Please dispose of Waste Electrical and Electronic Equipment (WEEE) at designated collection points for the recycling of such equipment.

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Patents: www.xrite.com/ip

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X-Rite's warranties herein do not cover failure of warranted goods resulting from: (i) damage after shipment, accident, abuse, misuse, neglect, alteration or any other use not in accordance with X-Rite's recommendations, accompanying documentation, published specifications, and standard industry practice; (ii) using the device in an operating environment outside the recommended specifications or failure to follow the maintenance procedures in X-Rite's accompanying documentation or published specifications; (iii) repair or service by anyone other than X-Rite or its authorized representatives; (iv) the failure of the warranted goods caused by use of any parts or consumables not manufactured, distributed, or approved by X-Rite; (v) any attachments or modifications to the warranted goods that are not manufactured, distributed or approved by X-Rite. Consumable parts and Product cleaning are also not covered by the warranty.

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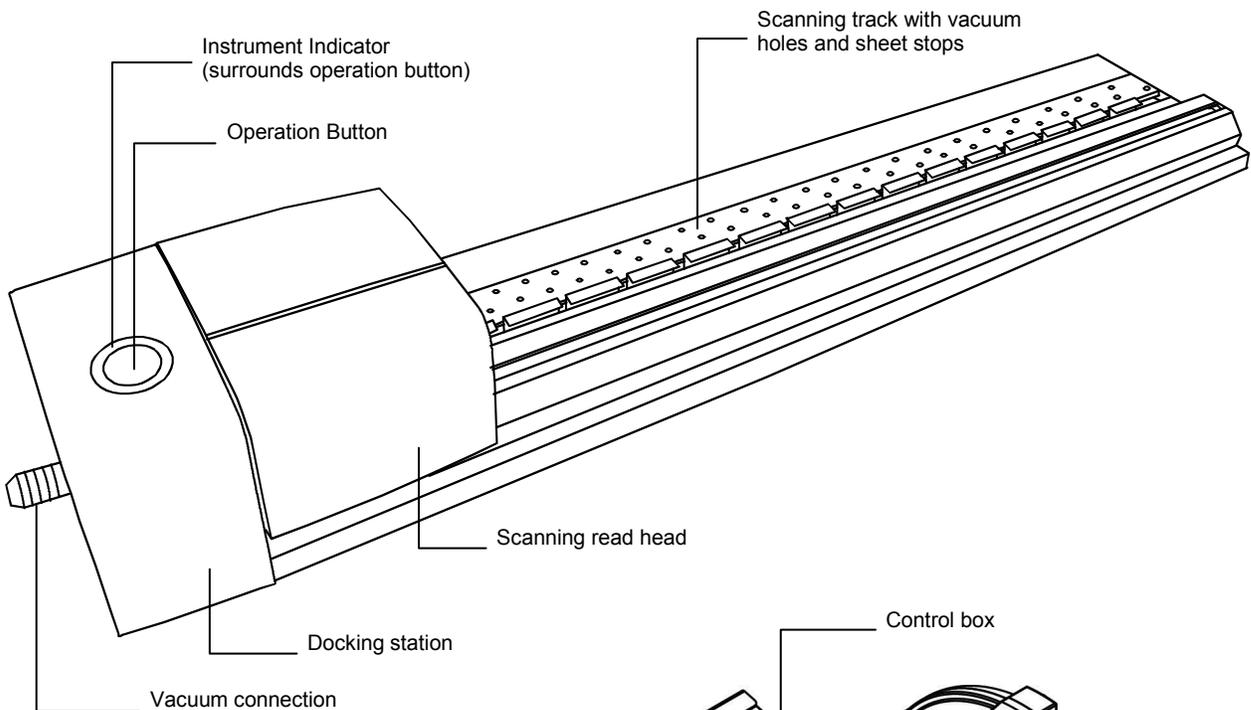
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Overview and Setup

Instrument Description

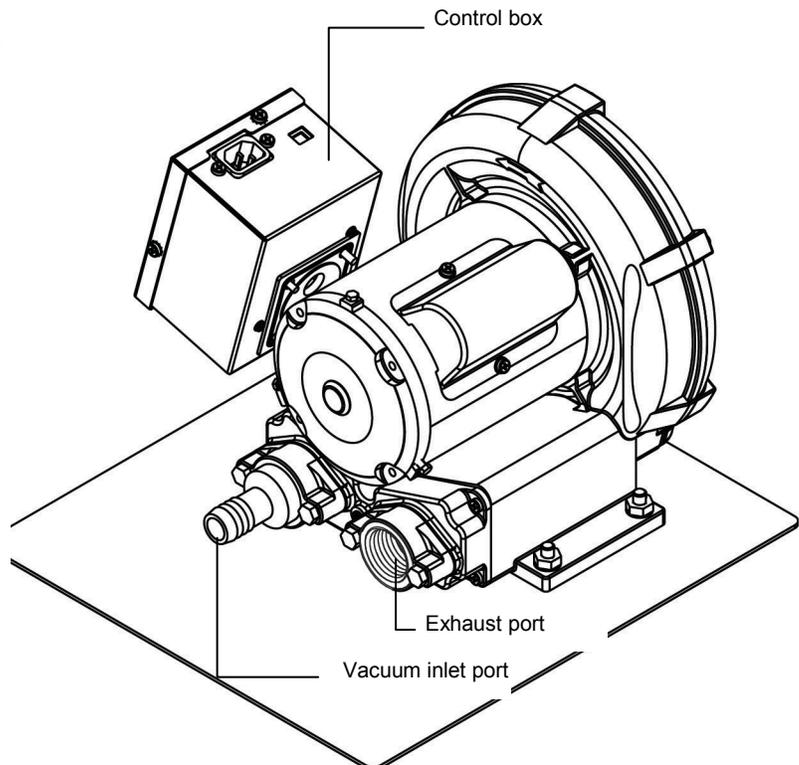
The IntelliTrax2 series of autoscanning instruments provide fast, press-side color control. The instruments give you everything you need to maximize productivity and profitability during sheetfed, makeready and production.

This manual covers the installation, basic operation and maintenance of the instrument. Specific instructions for using the instrument with your IntelliTrax2 software application can be found in the software online help.



Vacuum Pump

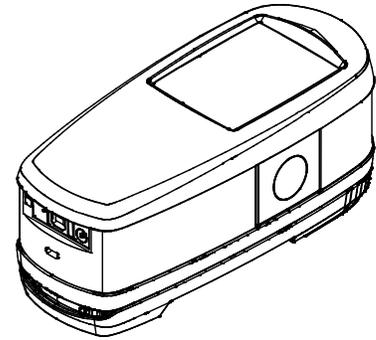
A series of small holes located in the surface of the track are used to hold the press sheet in place during a measurement. This is accomplished by the use of a vacuum pump. The vacuum pump is connected to the docking station, allowing automatic activation during a measurement cycle.



eXact Handheld Spectrophotometer (Optional Accessory)

The optional hand-held spectrophotometer supplied with your system allows you to take spot check measurements.

NOTE: It is recommended that you read the Hand-held Instrument Manual supplied with your system before using the hand-held instrument.



Unpacking and Inspection

After removing the instrument from the shipping carton, inspect it for damage. If any damage has occurred during shipping, immediately contact the transportation company. Do not proceed with installation until the carrier's agent has inspected the damage.

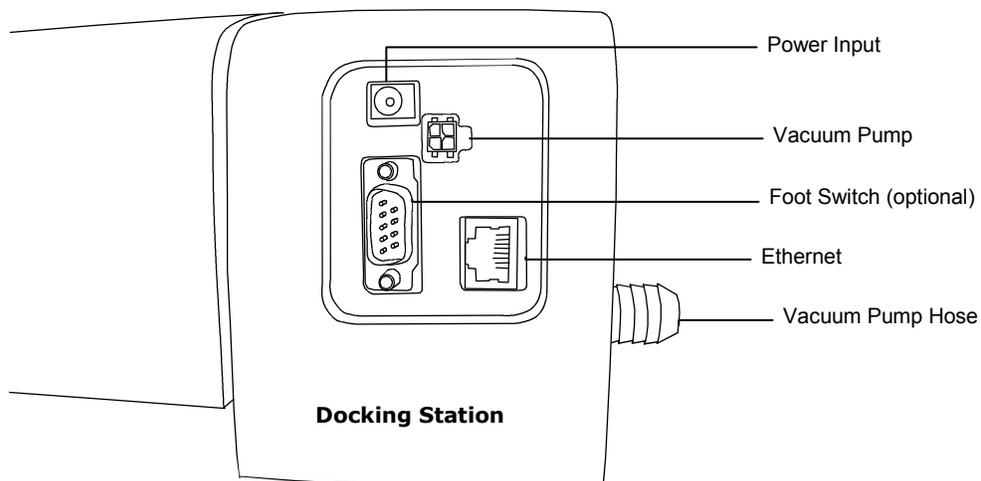
Your instrument was packaged in a specially designed carton to assure against damage. If shipment is necessary, the instrument should be packaged in the original carton along with all the accessories. If the original carton is not available, contact X-Rite to have a replacement shipped to you.

Packaging Contents:

- IntelliTrax2 Instrument
- Vacuum Pump
- eXact Handheld Instrument (optional accessory)
- Foot Switch (optional accessory)
- Cabling
- Switching Power Supplies with line cords
- Getting Connected Sheet
- Documentation Package (software, manual, registration form, cert of cal)

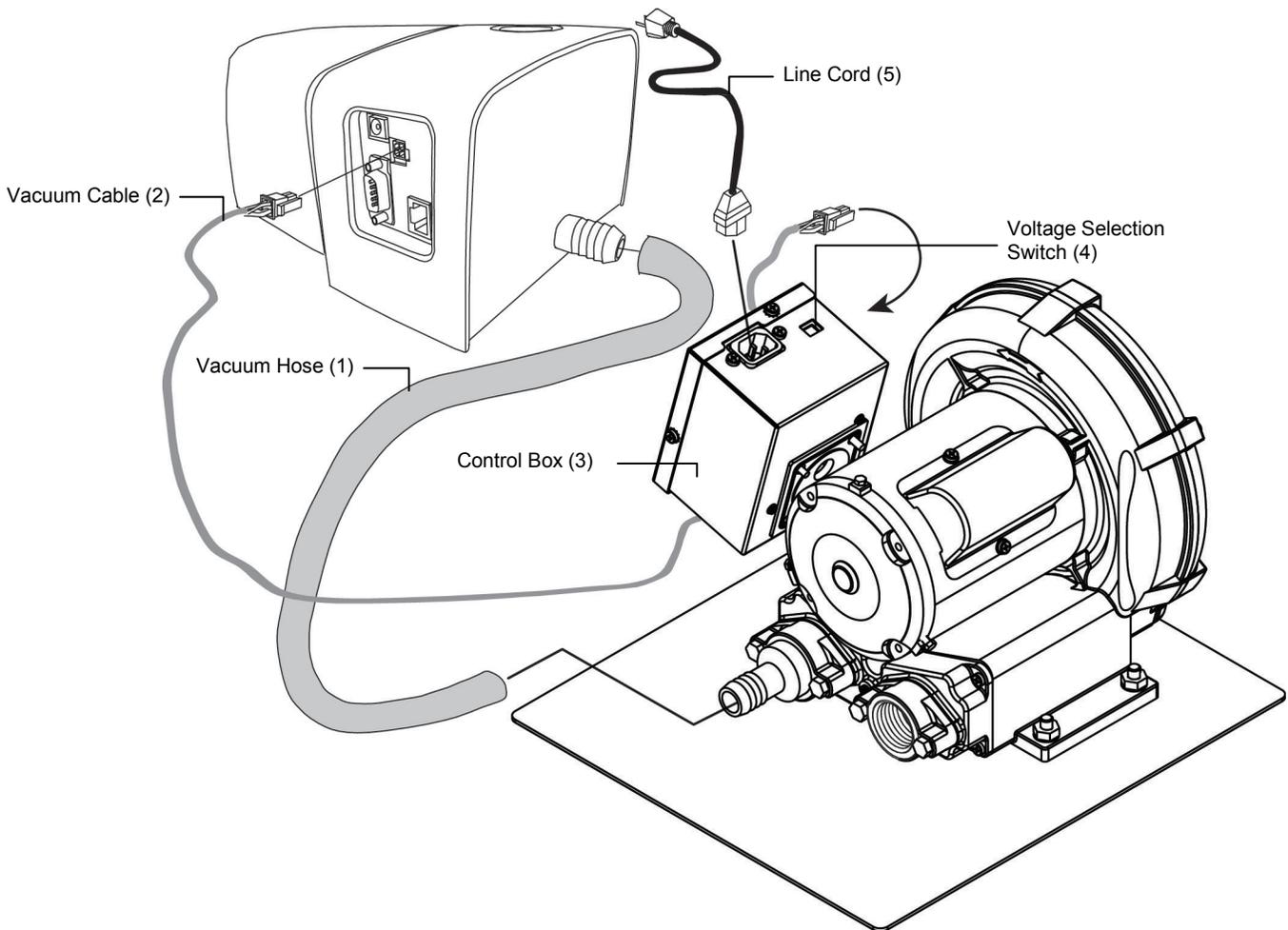
System Connections

The IntelliTrax2 system requires a few basic connections before operating. Connection procedures for the individual components are covered on the following pages.



Vacuum Pump Connections

1. Connect one end of the vacuum hose (1) to the barbed input fitting located on the vacuum pump, and the other end to the barbed fitting on the side of the docking station.
2. Plug one end of the vacuum cable (2) into the connector on the control box (3) and the other end into the connector on the back of the docking station.
3. Make sure the voltage selection switch (4) on the top of the control box (3) is set to the proper line voltage for your region.
4. Connect the detachable line cord (5) to the control box (3), and then plug the line cord into an easily accessible, grounded AC wall receptacle.



Computer/Monitor Installation

If the system you purchased included a computer and monitor, refer to the documentation that is included with those products for specific installation procedures.

Ethernet Interface Connection – system default standalone configuration

The supplied Crossover Ethernet cable should be connected before applying power to the docking station. The Ethernet port is located on the back of the docking station. Plug one end of the Ethernet crossover cable into the Ethernet port on your computer. Plug the other end of the cable into the docking station.

NOTE: The IntelliTrax2 hardware default IP address is as follows:

IP Address: 172.16.1.100

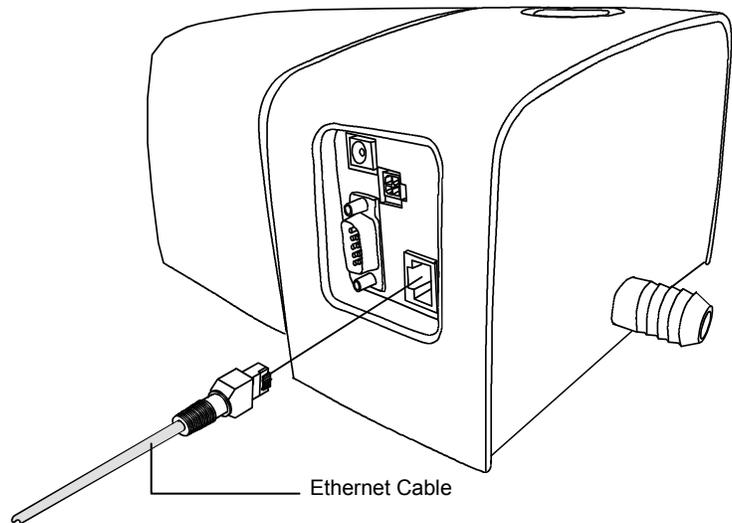
SubNet Mask: 255.255.255.0

To use the system as a standalone configuration you must set the computers TCP/IP to the following

IP Address: 172.16.1.1

SubNet Mask: 255.255.0.0

Refer to the Appendices for information on setting the IP address on your Windows computer.

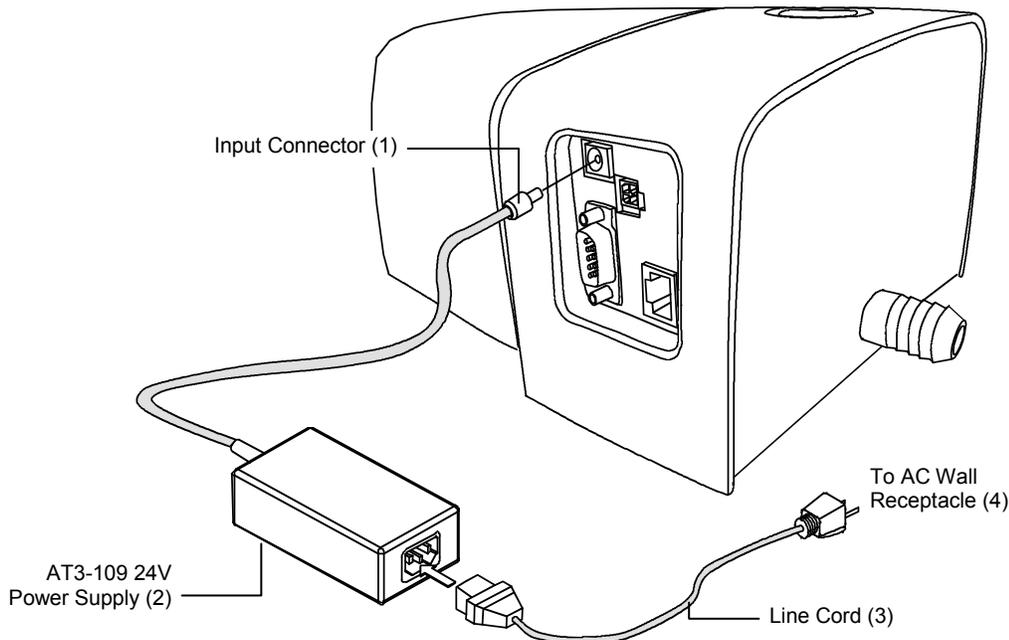


Power Connection

The IntelliTrax2 system must be allowed to stabilize at room temperature before plugging the power supply into as AC wall receptacle.

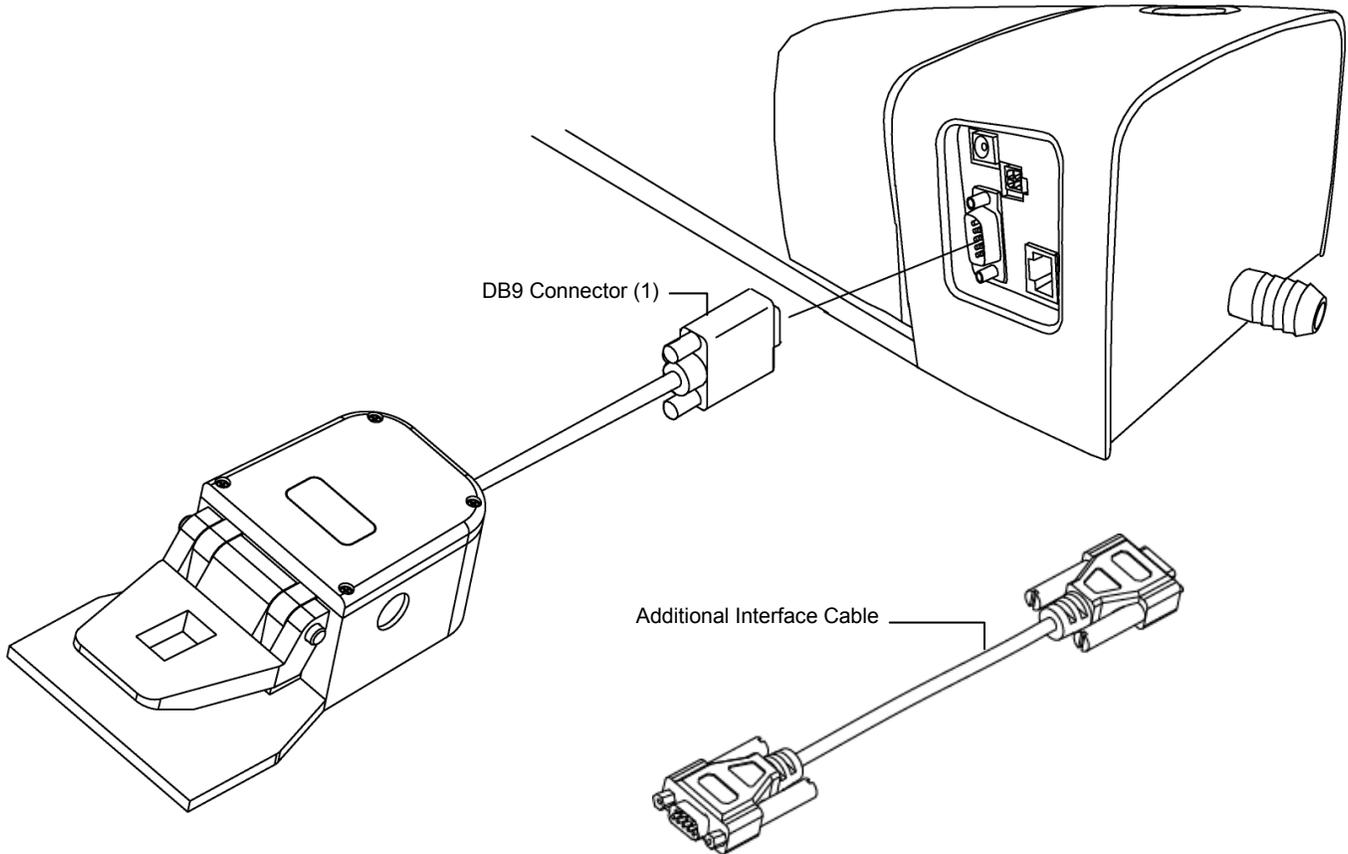
NOTE: This product is intended to be supplied by a listed direct plug-in power supply, marked "class 2" or "LPS", rated for 24VDC, 3.0A.

1. Plug the input connector (1) from the AT3-109 24V switching power supply (2) into the proper location on the back of the docking station.
2. Plug the detachable line cord (3) into the power supply (2), and then plug the line cord into an easily accessible, grounded AC wall receptacle (4).



Connecting the Optional Foot Switch

Connect the DB9 connector (1) from the foot switch interface cable to the I/O port on back of the docking station. Secure with the thumbscrews. If required, an additional interface cable (2) is included to extent the distance of the foot switch from the docking station.



Functional Ground Connection (optional)



A functional ground connection point is provided below the docking station to improve the system level electrical immunity and prevent electrostatic buildup. (bottom side of track)

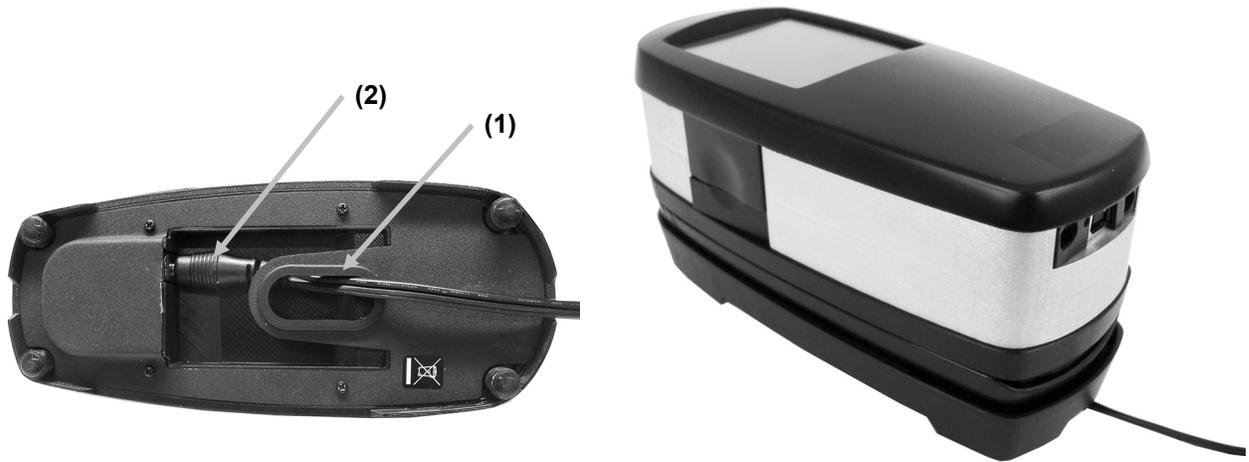
Connecting the Optional eXact Handheld Instrument



Operational hazard exists if an AC adapter other than X-Rite SE30-277 is used.

AC Adapter Ratings, Input: 100-240V 50-60 Hz, **Output:** 12VDC @ 2.5A

1. Turn the docking station over and feed the small plug from the power supply through the strain relief (1) in the middle of the station.
2. Plug the small plug into the input connector (2). The power supply cable can be feed out any side of the docking station at the bottom.
3. Plug the detachable line cord in the power supply, and then plug the line cord into an easily accessible, grounded wall receptacle.
4. Position the instrument on the docking station to charge.



5. Plug the square end of the USB cable into the back of the instrument (3).
6. Plug the USB cable into an available port on your computer.



NOTE: If available, the instrument uses Bluetooth® technology and can communicate wirelessly with your computer. Data from the instrument can be transmitted to the application. Connecting a USB cable to the instrument disables the wireless connection. Refer to the instrument manual for additional information on setting up the wireless function.

IntelliTrax2 Software

System Requirements

- 2 GHz computer processor, 3 GHz recommended
- 2 GB minimum, 4 GB recommended
- Windows 7, Windows 8, Windows 10
- 100 GB hard drive or higher
- 17" touch-screen monitor with 1280 x 1024 resolution minimum, 22" touch-screen monitor with 1920 x 1080 resolution recommended
- Network card

Installing the IntelliTrax2 Software

NOTE: Shut down the Windows firewall and any anti-virus software you may be running. If you are reinstalling or updating the software, you must first uninstall the current version of IntelliTrax2 from your computer. This **will not** delete any of your stored database files. All information will be retained.

The IntelliTrax2 software uses a standard Windows installation procedure.

1. Insert the IntelliTrax2 software flash drive into the USB port. If IntelliTrax2 setup screen does not open automatically, open Windows Explorer and browse to the USB drive letter. Double-click the **Setup.exe** file.
2. The setup program guides you through the rest of the installation process. Follow the instructions on each setup screen to complete the installation.
3. Refer to the IntelliTrax2 online help system for information on operation of the software.

NOTE: IntelliTrax2 uses a free version of SQL Server. This version is fully functional with a few limitations. Please refer to the online help in the Database Administration Tool for more information.

Installing the Color Reflectance Reference Data

The color reflectance reference data must be installed on your computer to allow you to measure the color reference.

1. Insert the Color Reflectance Reference Data flash drive into the USB port. If file does not install automatically, open Windows Explorer and browse to the USB drive letter. Double-click the **Install.exe** file.
2. Refer to IntelliTrax2 Color Reference Measurement procedure in the Appendices for additional information.

Instrument Indicator

The instrument indicator that surrounds the operation button conveys a variety of instrument conditions. Below is a list of conditions reported by the instrument indicator.

- *Solid Green*—indicates that the scanning head is docked and ready for use.
- *Solid Orange*—indicates that the scanning head is away from the docking station.
- *Solid Red*—indicates that the instrument hardware is not ready and a problem may exist with the system.
- *Flashing Green*—indicates that the instrument is taking a reading, status OK.
- *Flashing Orange*—indicates that the instrument is calibrating.
- *Flashing Red*—indicates that the network is not ready.
- *Alternating Red and Green*—indicates that a measurement error has occurred when the scanning head is docked.

Operating the System

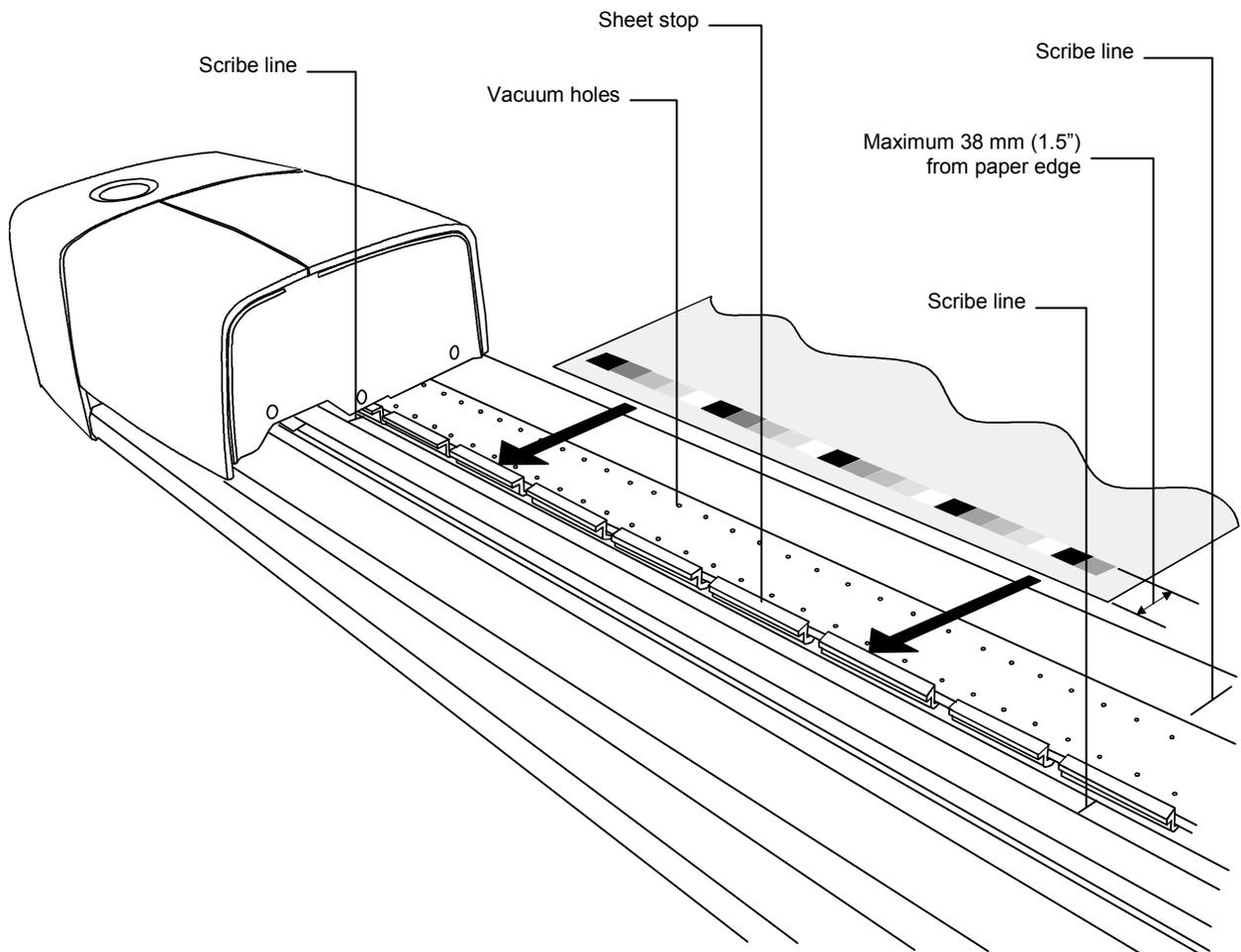
Sheet Loading and Alignment

You should refer to the online help in the software application for procedures on creating and selecting color bars. The following information is provided to familiarize you with the mechanical aspects required when measuring.

Loading a press sheet onto the IntelliTrax2 is fast and easy, there are no guides or clamps to adjust. The press sheet is loaded onto the track from the back, and held in place by a series of vacuum holes.

The press sheet must be positioned between the scribe lines on the track for a valid measurement to occur.

The press sheet must also be positioned against the "sheet stops" that run along the back edge of the vacuum plate. The color bar on the sheet must be within 38 mm (1.5") from the paper's edge.



Measuring with the IntelliTrax2 System

After the press sheet is positioned on the track, you are ready to perform a color bar measurement. A measurement is started one of three ways:

- selecting the measurement function from the software
- pressing the Operation button located on top of the docking station
- activating the optional foot switch

Refer to the online help in the software for additional information.

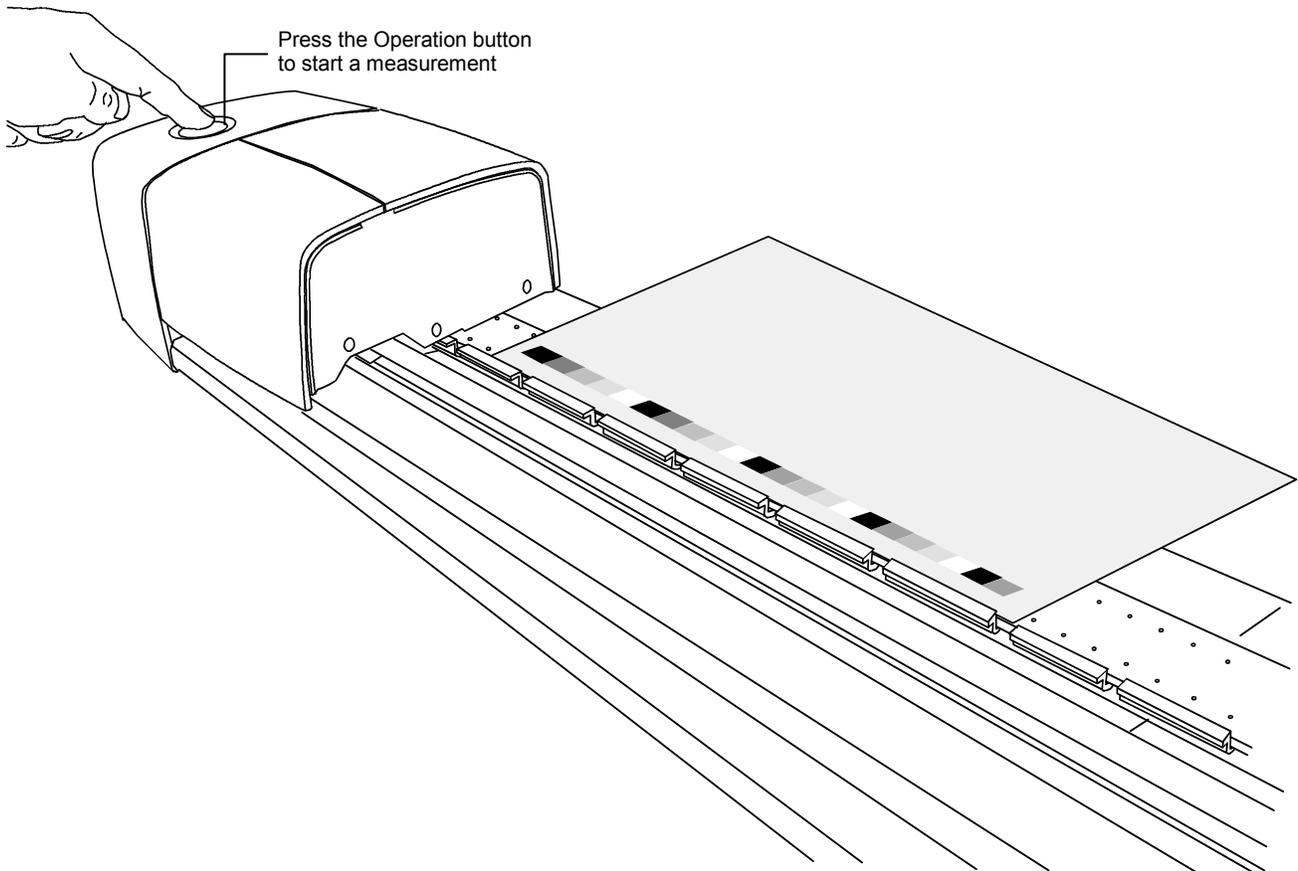
In the event that a color bar is crooked or fanned out, the scanning system incorporates a "look-ahead sensor" that takes corrective action by automatically adjusting the scanning head. This ensures all color patches are measured accurately.

Once a measurement is set in motion, the vacuum solenoid activates and the "green" light on the station changes to "flashing green", indicating a scan is in progress. Measurement results are reported real-time to the computer monitor.

The vacuum pump can be turned off during non-use times by selecting the "Turn off vacuum" option in Press Tool. Refer to the online help system for further details.

If a problem is encountered during a measurement, the scanning head immediately returns to the docking station. View your computer monitor to see if an error message is displayed. If no message is displayed, try to rescan the sheet; if a problem still occurs, refer to the Troubleshooting section in this manual.

NOTE: You can abort a measurement by pressing the Operation button when the instrument is scanning the color bar.



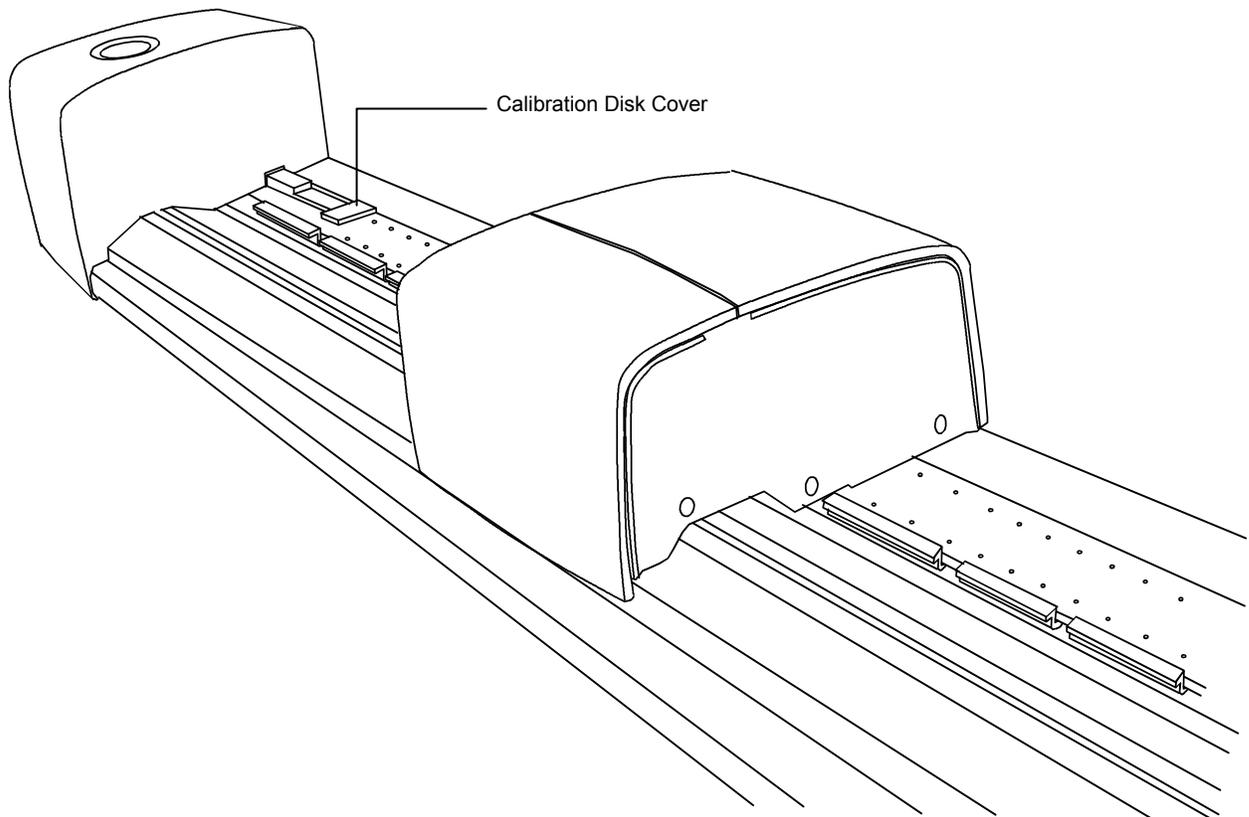
Calibration

Regular calibration of the IntelliTrax2 system and hand-held instrument is important for maintaining accurate and consistent measurement data. Normally, the software application prompts you for a calibration when it's required. Calibration of either the IntelliTrax2 system or hand-held instrument can also be manually invoked whenever desired.

Calibrating the IntelliTrax2 System

Calibrating the scanning instrument is virtually automatic. A white calibration disk is a permanent part of the track assembly, located near the docking station. A retractable cover protects the calibration disk when the scanning head is away from the docking station. The scanning head automatically calibrates to the white disk when required, or when calibration is initiated in the application.

IMPORTANT: The white calibration disk should be cleaned periodically to maintain calibration accuracy. Refer to *Cleaning the White Calibration Disk* in the Appendices for the procedure.



Calibrating the Optional eXact Handheld Instrument

IMPORTANT: The calibration plaque is dramatically affected by smudge marks and dust, and must be kept clean. It is recommended that the instrument is cleaned regularly. Refer to the cleaning procedure below.

The instrument has an integrated calibration plaque and will calibrate automatically when required. When calibration is required before a measurement, the instrument will prompt you. This occurs when the instrument is in the open position (not locked) and the previous calibration has timed out. This can also occur when the measurement condition switch is changed and a calibration has not been performed in that position or has timed out.

When prompted for a calibration, locate the instrument on a flat surface and tap the START button. The instrument will display a countdown screen and then perform the calibration.

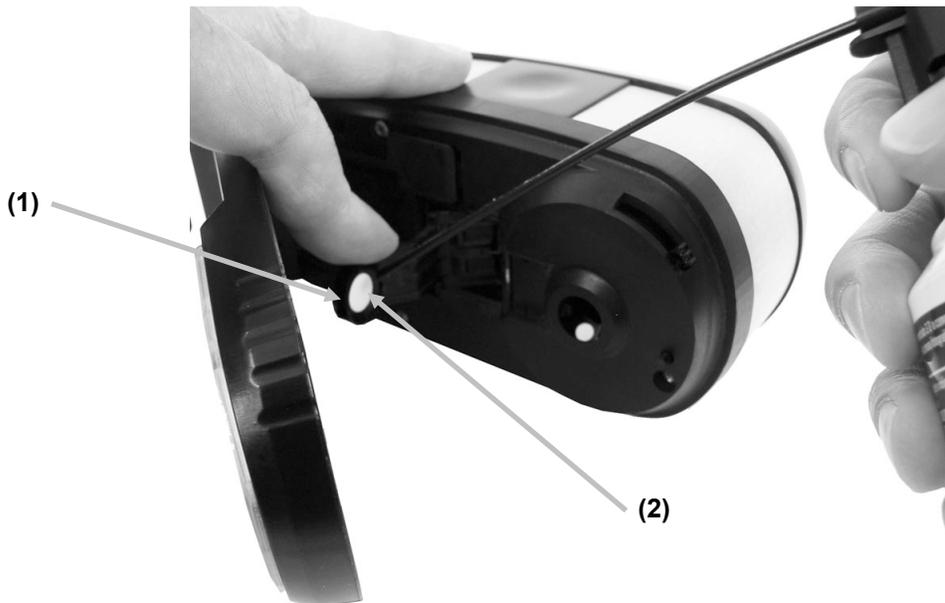
Cleaning the Calibration Plaque

The calibration plaque should be cleaned periodically.

Do not use solvents or cleaners of any kind.

The calibration tile is embedded in the underside of the reference holder.

1. Rotate the reference holder (1) towards the back and hold.
2. Blow short bursts of clean, dry air (2) onto the calibration tile. This should remove any accumulated debris.



3. Carefully return the calibration holder to its normal position.

Measuring with the eXact Handheld

The Handheld instrument can be used to measure ink colors and make spot check measurements as needed. The target base of the instrument should rest flat and steady on the sample area.

1. Position the target window over the sample to measure. The opening should be completely filled with the sample color.
2. Press the instrument firmly to the target base. Measuring appears in the display along with the Measurement Condition selected.



3. Hold steady until "Complete!" and measurement data is displayed. This is an indication that the measurement was successful.

If the instrument is moved during measurement or is not held closed for the entire measurement, no data will display on the computer monitor. Simply take another measurement if this occurs.



Appendices

Service Information

The IntelliTrax2 System is covered by a one-year limited warranty and should be referred to an authorized service center for repairs within the warranty period.

X-Rite provides repair service to their customers. Because of the complexity of the circuitry, all repairs should be referred to an authorized service center.

X-Rite will repair any instrument past warranty. The customer shall pay shipping and repair cost to the authorized service center. The instrument shall be submitted in the original carton, as a complete unaltered unit along with all the supplied accessories.

Troubleshooting

Prior to contacting X-Rite's Customer Service for instrument problems, try the applicable solution(s) described below. If the condition persists, contact X-Rite Customer Service by phone at 1-888-826-3059; or by email at gisupport@xrite.com. Additional X-Rite office numbers are located on the back cover of this manual. You can also visit X-Rite's Support page at www.xrite.com; here you can find answers to common help desk questions.

Scanning instrument indicator not illuminating:

- Ensure that the power supply is plugged in.
- Reset the instrument (see Instrument Reset).

Solid red scanning instrument indicator:

- An error or problem exists with the system.
- Remove power from the instrument, reapply power and see if the condition is corrected.
- Reset the instrument (see Instrument Reset).

Scanning instrument and software not communicating:

- Check Ethernet cable for proper connection.
- Close the software application, cycle power on the instrument and restart the software application. If this does not work reboot the computer.
- If system is networked, contact your network administrator for possible Ethernet issues.
- Reset the instrument (see Instrument Reset).

Scanning instrument Calibration fails:

- Ensure that the calibration references and instrument optics are clean (see General Maintenance).
- Close and restart the software application.
- Reset the instrument (see Instrument Reset).

Scanning Instrument Reset

The following procedure performs a hardware reset on the scanning instrument.

1. Make sure the instrument is powered on and the scanning head is docked.
2. Press and hold the Operation button for approximately 10 seconds.
3. The indicator light will change to orange and then back to green. Release the Operation button when indicator light is back to green.

General Maintenance

Your instrument requires very little preventative maintenance to achieve years of reliable operation. However, to protect your investment and maintain reading accuracy, a few simple-cleaning procedures should be performed from time to time.

For general maintenance of the hand-held instrument, refer to the documentation that it was packaged with.



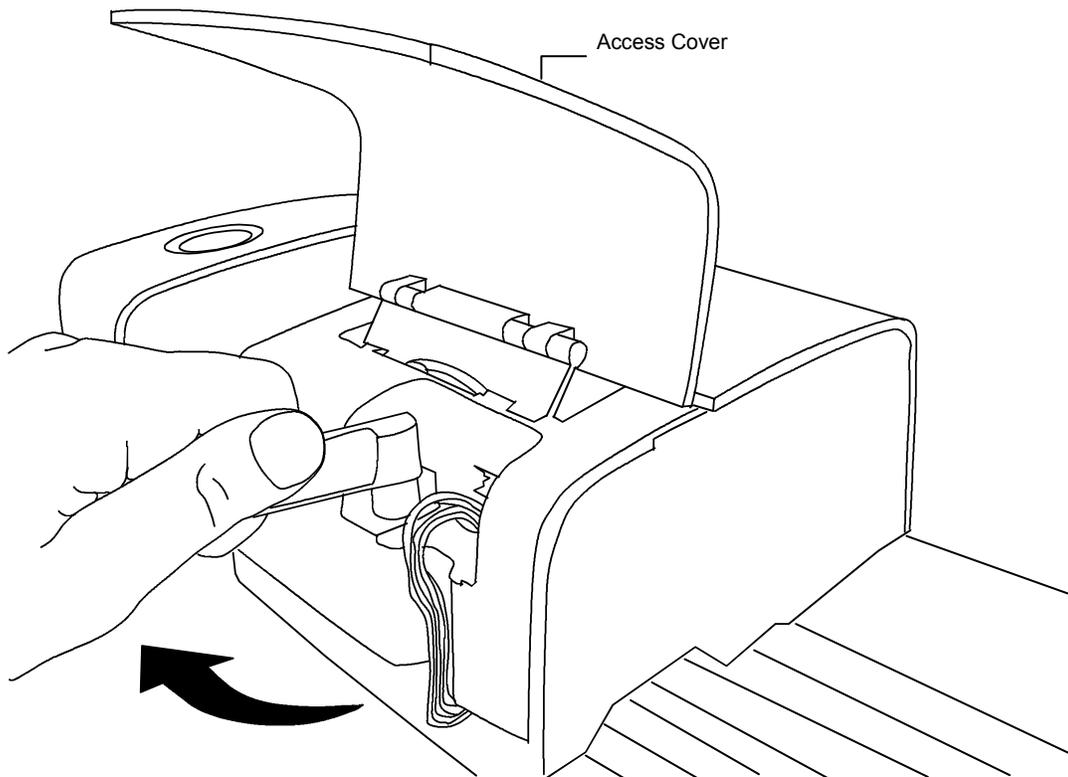
ATTENTION: A properly grounded wrist strap is recommended when cleaning, removing or installing the scanning head.

Scanning Head Cleaning (1 to 2 times a month)

DO NOT use any solvents or harsh cleaners of any kind.

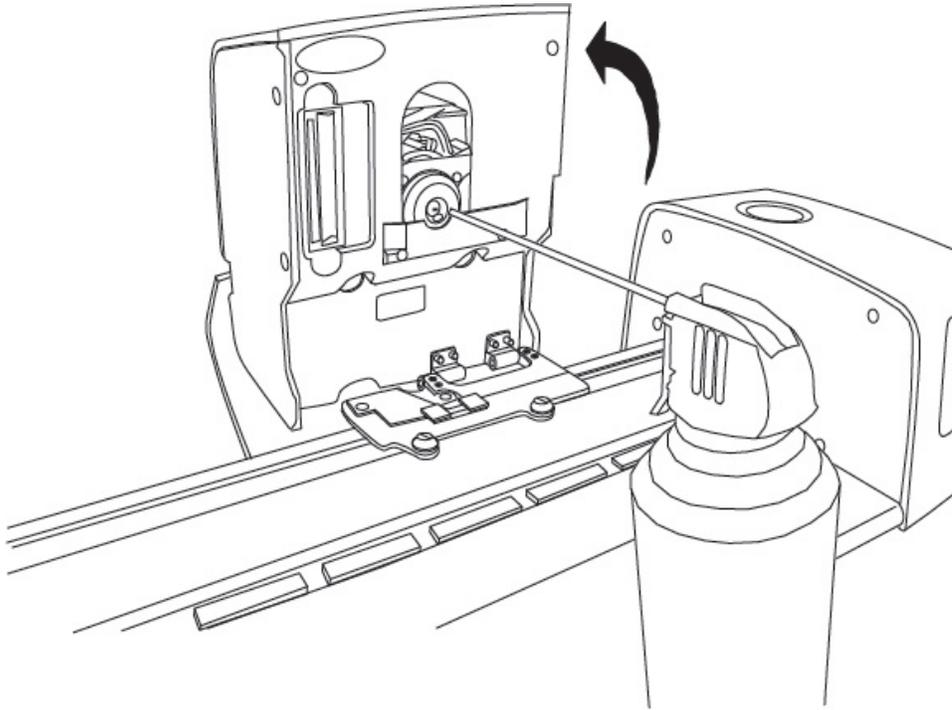
In the course of normal use, spray powder, paper dust, and other airborne contaminants will likely enter the instrument's optics. This can eventually reduce the sensitivity of the instrument and may lead to calibration errors. Follow the steps below to clean the optical components.

1. Obtain a source of clean, dry, compressed air. This air should be of the quality used to clean delicate camera lenses.
2. Unplug the IntelliTrax2 system from the power adapter and slide the scanning head a few millimeters away from the docking station.
3. Lift the access cover on the back of scanning head to gain access to the locking lever.
4. Rotate the lever 90° clockwise.



5. Lift up under the front edge of the scanning head and tilt it back to expose the bottom.

6. Being careful to hold the compressed air source upright, blow short, gentle bursts of compressed air directly into the instrument's aperture. Be careful to ensure the compressed air nozzle is approximately 10 mm away from the optics.



7. Carefully lower the scanning head and lock into place by rotating the lever 90° counterclockwise.
8. Lower the access cover and plug in the AC adapter.
9. Note that the process of cleaning the optics will affect the instrument's sensitivity as dust and powder will no longer block the optical path. It is essential that a head and track calibration is done following the cleaning process.
10. The exterior of the scanning head and docking station can be wiped clean with a lint-free cloth dampened in water or a mild cleaner.

Scanning Track Cleaning (1 to 2 times a month)

DO NOT reverse the intake/exhaust port on the vacuum pump to blow out the track vacuum chamber. This will force any dust inside the track into the read head optics.

DO NOT use any solvents or harsh cleaners of any kind.

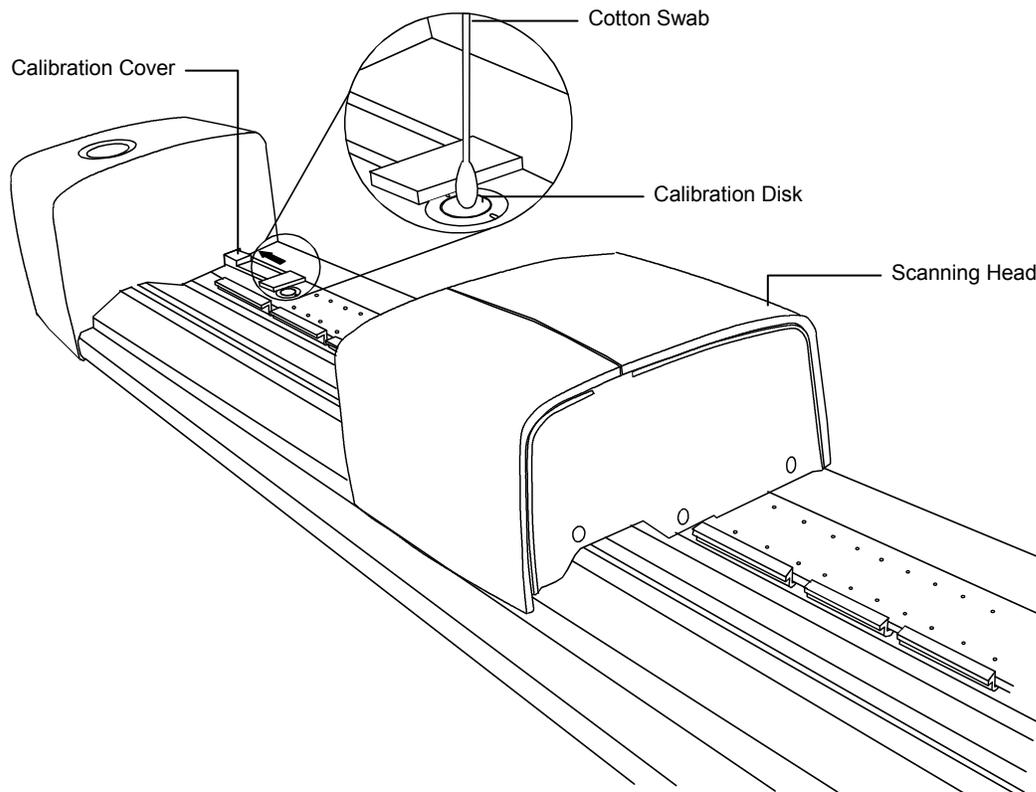
DO NOT use any type of lubrication (oil) on any part of the system.

1. The exterior of the scanning head and docking station can be wiped clean with a lint-free cloth dampened in water or a mild cleaner.
2. The track should be wiped clean with a lint-free cloth dampened in glass cleaner. When cleaning the track, make sure to clean the entire track. This includes the portion of the track that resides under the reading head when it is in its docked position. You can lift the scanning head (Scanning Head Cleaning for procedure) or simply slide it over when cleaning is required.
3. Inside the track, use compressed air to remove all print dust.

Cleaning the White Calibration Disk

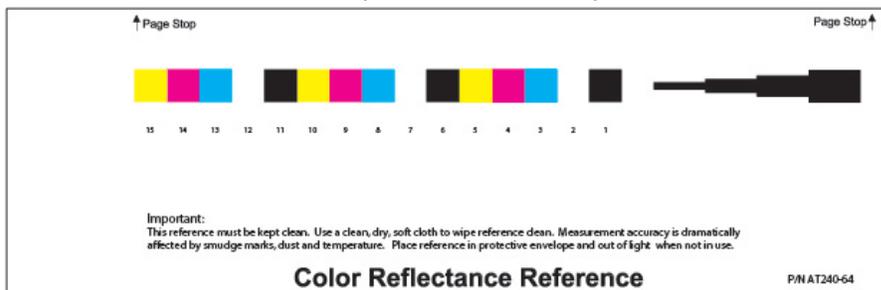
On a daily basis, you will need to clean the white calibration disk located in the track. This is a relatively easy procedure requiring only a few minutes of time.

1. Unplug the IntelliTrax2 system from the power adapter and slide the scanning head away from the docking station.
2. Pull calibration cover towards the docking station to expose the white disk.
3. Clean the white calibration disk with a cotton swab or lint free cloth.
4. Blow off the disk with compressed air.
5. Blow out under the calibration cover with compressed air.
6. Carefully release calibration cover and slide scanning head back against docking station.



Cleaning the Color Reflectance Reference

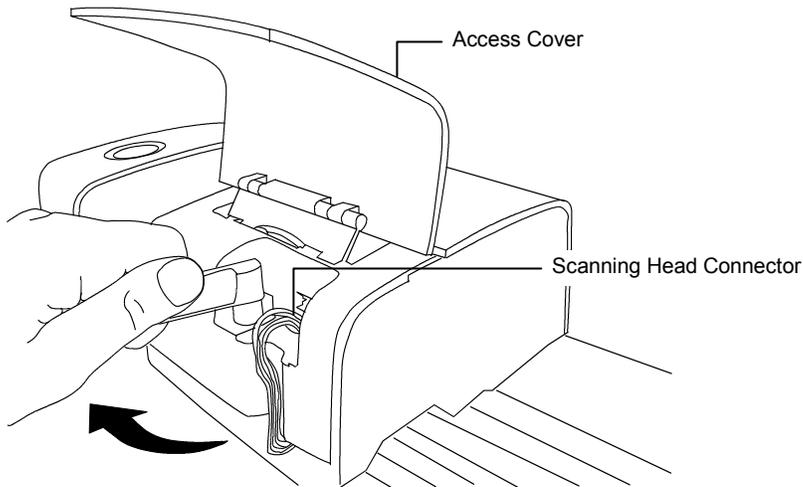
The color reflectance reference is dramatically affected by smudge marks, dust, and fingers prints. The reference can be cleaned with a lint free cloth whenever required. Make sure to return the reference to its protective envelope when finished.



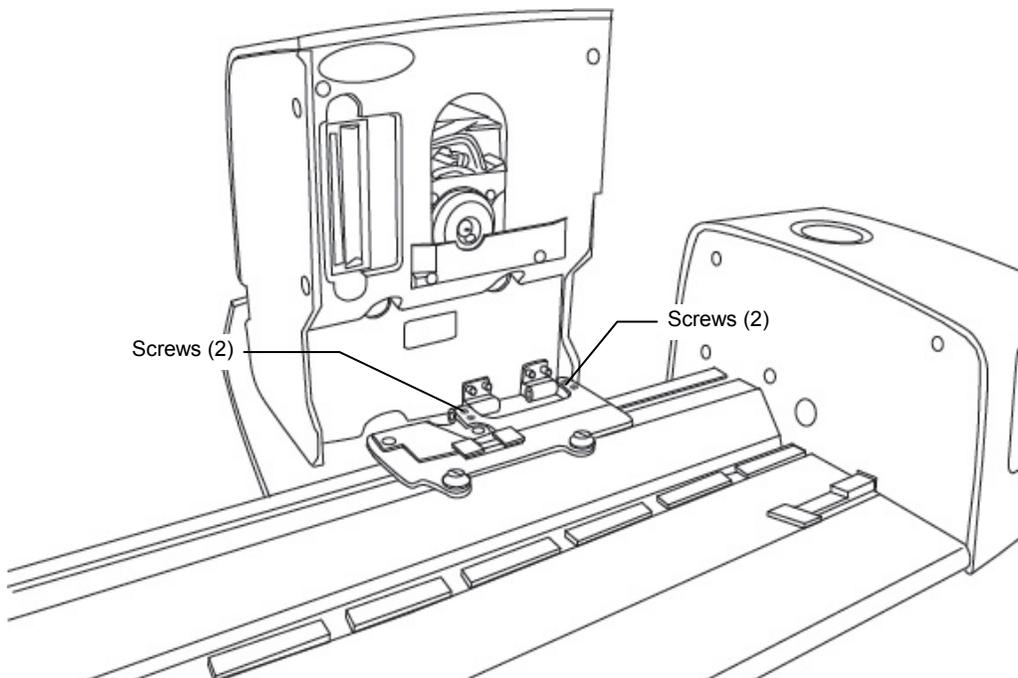
Removing the Scanning Head

The following procedure explains how to remove the scanning head in the event maintenance is required.

1. Unplug the IntelliTrax2 system from the power adapter and slide the scanning head at least 5 inches (127 mm) away from the docking station.
2. Lift the access cover on the back of scanning head to gain access to the locking lever.
3. Rotate the lever 90° clockwise.
4. Compress the two locking tabs located on both sides of the scanning head connector. It may be helpful to use a pair of needle-nose pliers to gain access to the locking tabs.
5. Pull the connector outwards to free it from the scanning head.



6. Lift up under the front edge of the scanning head and tilt it back to expose the bottom.
7. Holding the scanning head with one hand, carefully remove the four screws securing the scanning head to the trolley.



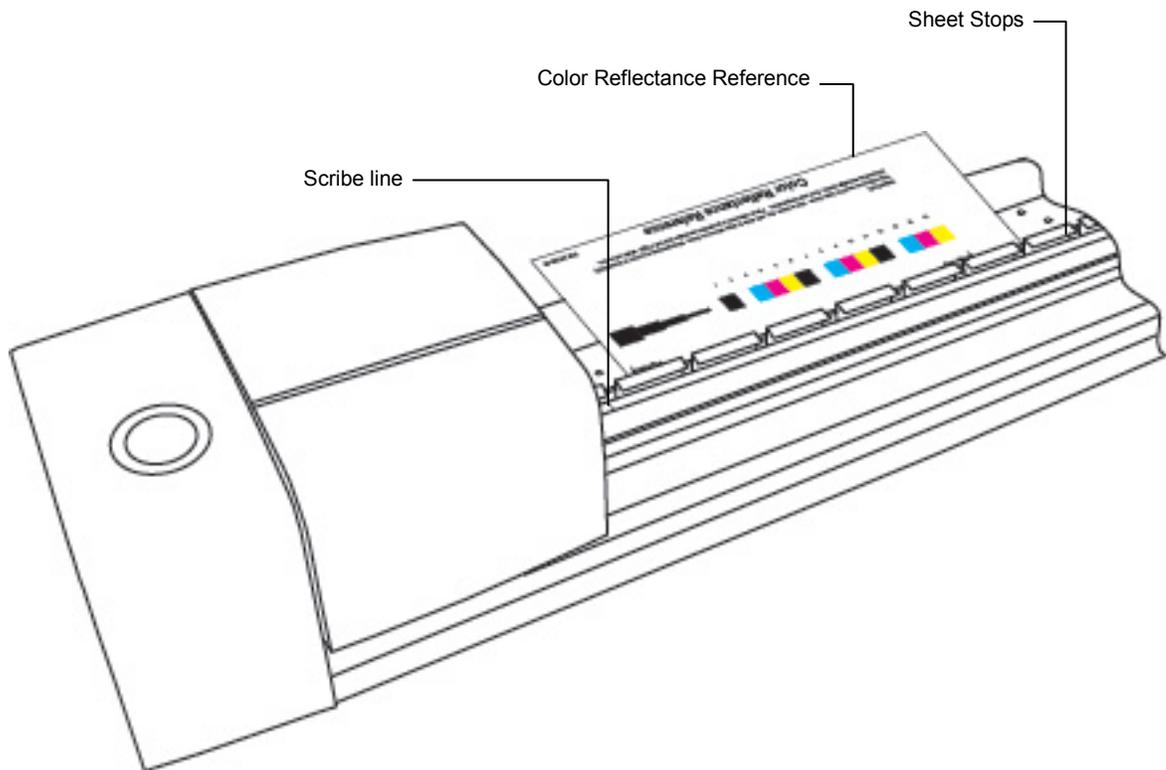
8. Lift the scanning head free from the trolley.

IntelliTrax2 Color Reference Measurement Procedure

The color reference measurement procedure provides you with a method to check the performance of your IntelliTrax2 instrument. A color reference measurement can be performed at anytime.

NOTE: Use must have the Color Reflectance Reference Data installed on your computer to perform this measurement procedure.

1. Remove the color reflectance reference from its protective envelope. Make sure that it is clean before continuing with the measurement procedure. If the color reflectance reference requires cleaning, refer to the Cleaning the Color Reflectance Reference explained earlier.
2. Position the color reflectance reference on the track, next to the scribe line by the scanning head. Make sure the designated side of the reference is positioned up against the sheet stops.
3. Start the measurement sequence by selecting the **Measure Color Reference** button in the Press Tool. View the monitor for measurement results.



4. Select the appropriate option in application to start the calibration check. The scanning head moves across the color reflectance reference and then back to its docked position. The indicator light flashes green during the reading and then turns to solid green after a successful reading. This is also verified on the computer monitor. If the calibration check fails (indicated on the computer monitor), clean the color reflectance reference and instrument optics as explained earlier, and perform the calibration check again. If the calibration check fails again, contact your X-Rite representative. You may need to replace your color reflectance reference (Part Number ATS40-64).
5. Return the color reflectance reference back to its protective envelope.

Instrument Specifications

General

Measurement Geometry:.....	Reflection 45°/0° per ANSI PH2.17
Aperture Configurations	Small, Medium, and Medium w/polarization
Light Source:.....	Gas pressure @ 2850°K
Spectral Sensor:	DRS Technology (31pt)
Spectral Range:	400 – 700 nm
Reflectance Range:	0 - 150% R
Density Range:	0 – 3.0D
Repeatability on White:.....	0.15 ΔE max.; ±0.01D max.
Density Reproducibility:	Cyan, Magenta, and Visual Filters ±0.01D @ 1.5D Yellow Filter ±0.02D @ 1.8D for a non DP scanning head ±0.03D @ 1.8D for a DP scanning head
Calibration:	White calibration reference provided in track
Scan Spot Size (total scanned spot):..	2.0 mm x 2.75 mm min. for Medium Spot 1.2 mm x 2.75 mm min. for Small Spot 2.0 mm x 2.75 mm min. for Polarized Spot
Patch Width (along scan path):	3.0 mm min.
Patch Height:	3.0 mm min. for Medium Spot 2.0 mm min. for Small Spot 3.0 mm min. for Polarized Spot
Paper Thickness:.....	0.039 in. (1.0 mm) max
Scanning Rate:	2.4 in. (60 mm)/Second on a 3.0 mm Patch for Medium and Small Spot 2.4 in. (60 mm)/Second on a 3.0 mm Patch for Polarized Spot
Track Lengths:.....	40 in. (1016 mm) standard, 29 in. (736.6 mm), 32 in. (812.8 mm) 56 in. (1422 mm), (65 in. (1651 mm)
Color Bar Location:.....	Entire color bar within 1.5 in. (38 mm) of edge
Color Bar Alignment:	Automatic centering of measurement on color bar Paper set against stops
Color Bar Quantity:	1 row per paper surface
Paper Hold Down:	Vacuum activated with measurement command
Power Required:	100-240VAC, 50-60Hz

Environmental

Operating Temp:.....	+10° (50°F) to +35°C (95°F)
Humidity Range:	0 - 85% RH non-condensing
Storage Temp:.....	-20°C to +50°C
Usage:.....	Indoor Only

Design and specifications subject to change without notice.

Setting the Default Static IP Address in your Computer

Setup your computer to communicate using the default static Ethernet cross-over cable with the IntelliTrax2 hardware.

Windows 7 Procedure

1. Open the Control Panel and select **Network and Sharing Center**.
2. Select **Local Area Connection**. The Local Area Connection Status window appears.
3. Click **Properties**. The Local Area Connection Properties window appears.
4. From the Local Area Connection Properties window, highlight the **Internet Protocol Version 4 (TCP/IPv4)** option and click **Properties**. The Internet Protocol Version 4 (TCP/IPv4) Properties window appears.
5. From the Internet Protocol Version 4 (TCP/IPv4) Properties window, select the **Use the following IP address:** option and type in the following values:
 - IP address: 172.16.1.1
 - Subnet mask: 255.255.0.0
 - Default gateway: (leave blank)
6. Verify the values were entered as shown here and then click **OK**. Click **OK** again.

Windows 8 and Windows 10 Procedure

1. Open the Control Panel and select **Open Network and Sharing Center**.
2. Click **Change Adapter Settings**.
3. Right click the **Local Area Connection** icon and then click **Properties**.
4. From the Local Area Connection Properties window, highlight the **Internet Protocol Version 4 (TCP/IPv4)** option and click **Properties**. The Internet Protocol Version 4 (TCP/IPv4) Properties window appears.
5. From the Internet Protocol Version 4 (TCP/IPv4) Properties window, select the **Use the following IP address:** option and type in the following values:
 - IP address: 172.16.1.1
 - Subnet mask: 255.255.0.0
 - Default gateway: (leave blank)
6. Verify the values were entered as shown here and then click **OK** then click **Close**.

China RoHs Disclosure Table

产品中有害物质的名称及含量

X-Rite, Incorporated. P/N: AT3 System (Intellitrax 2 including all Track Length)

Track Read Head Assembly	轨道读数头组件	有毒、有害物质或元素					
		铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6)	多溴联苯 (PBB)	多溴联苯醚 (PBDE)
RH Control Tracking PCB Assembly	RH 控制跟踪 PCB 组件	X	O	O	O	O	O
RH Interface PCB Assembly	RH 接口 PCB 组件	X	O	O	O	O	O
Read Head DAS PCB Assembly	读数头 DAS PCB 组件	X	O	O	O	O	O
Steel Washers	钢垫圈	X	O	O	O	O	O
Steel Standoffs	钢螺柱	X	O	O	O	O	O
Steel Nuts	钢螺母	X	O	O	O	O	O
Steel Screws	钢螺丝	X	O	O	O	O	O
Power Supply	电源装置	X	O	O	O	O	O
Read Head Filter Wheel Assembly	读数头滤色器转盘组件	O	O	X	O	O	O
Read Head Spring Pins	读数头弹簧销	X	O	O	O	O	O
Read Head Screw Rail	读数头螺杆	X	O	O	O	O	O
Read Head Optics Assembly	读数头光学组件	X	O	O	O	O	O
RH 7 Volt Motor	RH 7 V 电机	X	O	O	O	O	O
Read Head Filter Motor Bracket	读数头滤色器电机托架	X	O	O	O	O	O
Read Head Lamp PCB Assembly	读数头指示灯 PCB 组件	X	O	O	O	O	O
Stepper Motor Assemblies	分档器电机组件	X	O	O	O	O	O
Track Bearing Spacers	轨道轴承隔圈	X	O	O	O	O	O
Track Dowel Pin	轨道接合销	X	O	O	O	O	O
Track Station PCB Assembly	轨道工作台 PCB 组件	X	O	O	O	O	O
Track Side Plate Bracket	轨道侧板托架	X	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。



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