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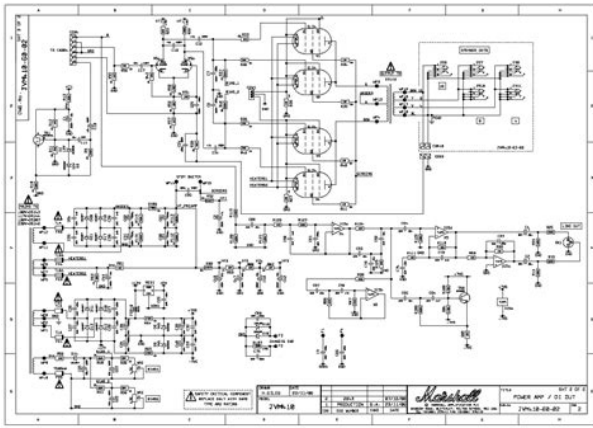
bx61wi manual

To ensure the safety, obtain optimum performance and to familiarize yourself fully with the use of this microscope, we recommend that you study this manual thoroughly before operating the microscope. Retain this instruction manual in an easily accessible place near the work desk for future reference. If you are going to assemble the microscope yourself, please read Chapter 9, "ASSEMBLY" pages 42 to 49 carefully. For the applicable modules, please consult Olympus or the latest catalogues. As there are other modules which can be combined with the microscope but are not shown below, please also refer to the latest Olympus catalogues or your dealer. The buttons functions inside are the initial setups for PC control remote operation. The button functions can also be assigned as required by the user. Use 24 mm dia. x 1.5 mm micrometer disks. If you are using a reflected light illuminator which is not motorized, it is recommended to use the WIRSH illuminator shutter. If problems occur, please review the following list and take remedial action as needed. The following table shows the optical characteristics of combinations of eyepieces and objectives. The figure on the right shows the performance data engraved on the objectives. The numbers indicate the order of assembly. The module numbers shown in the following diagram are merely the typical examples. The fixed stage concept and vibrationfree frame design ensure excellent stability throughout the experiment. Use of infrared light protects living cells and offers high penetration depths of thick tissue slices, while high NA optics allow magnification changes without moving the objective. The BX61WI is the motorized version of the BX51WI fixedstage microscope with a highly accurate Zdrive. It is the ideal tool for all automated physiological experiments, such as patch clamping and intravital microscopy. <https://glossrich.com/f/userfiles/file/dell-r720-owner-s-manual.xml>

- **olympus bx61wi manual, bx61wi manual.**

protect the frame, condenser and focusing mechanisms. Objective positioning incorporates a vibrationfree counter spring mechanism. Nosepiece motion is a simple horizontal slide. The Single position nosepiece WISNPXLU2 is designed to accept the unique, large diameter XLUMPLFLN20W objective. The RMS adapter WIRMSAD enables the attachment of an objective with RMS thread size to the WISNPXLU2. As a result, the objective clears the walls of the perfusion chamber. This motion also prevents the trapping of air bubbles when the objective is lowered. Small animal experiments usually do not require transmitted light thus allowing the removal of the substage condenser assembly. After removal, the stage may be lowered an additional 50 mm, providing a total clearance increase of 90 mm. The Rectangular field stop URFSS is designed for use with CCD cameras and prevents photobleaching of the specimen outside of the imaging area. The compact design of the BX2 stage USVRB4, or USVLB4 reduces the distance between the specimen and the manipulator and creates a stable platform for injections. Includes a standard cmount top port. If you do not change your web settings, cookies will continue to be used on this website. To learn more about how we use cookies on this website, and how you can restrict our use of cookies, please review our Cookie Policy. Less than optimum performance may result if inappropriate module combinations are used. Configuration of Instruction Manuals Since this microscope is expandable to a variety of systems, separate instruction manuals are prepared so that the user has to read only the manuals according to the user's own system. In this case, take antitoppling measures to prevent the specimen from being dropped when the product topples down. 2.

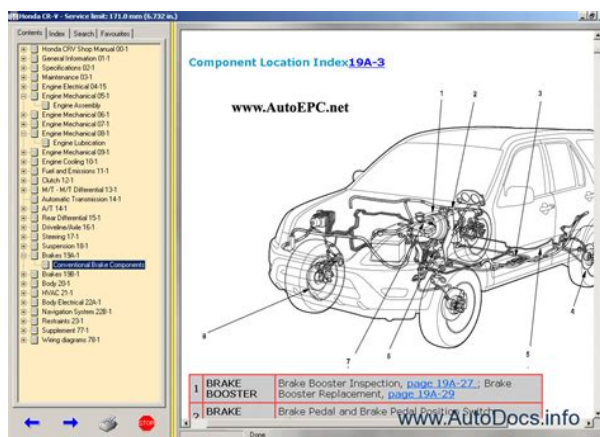
Culture liquid or water spilt on the stage, condenser or microscope may damage the equipment. Immediately wipe the liquid or water off if it is spilt on them. 3. If a foreign object is caught during motorized focusing operation, there will be an error in the focusing block and the motorized focusing operation will be suspended. Disassemble the relevant modules to remove the caught object. When the BXUCB control box's main switch is set to " I " ON, the focus operates automatically the objective raises once and then returns to the original position for initialization. It takes about one minute. If the above emergency procedure is performed during this automatic focus operation, the microscope stops operating. Should this happen, set the main switch to " " OFF and then " I " ON again. The fixed stage concept and vibrationfree frame design ensure excellent stability throughout the experiment. Use of infrared light protects living cells and offers high penetration depths of thick tissue slices, while high NA optics allow magnification changes without moving the objective. It is the ideal tool for all automated physiological experiments, such as patch clamping and intravital microscopy. Augustine, Trinidad W.I Tel 868.662.3525 Problem displaying Facebook posts. Click to show error Error An access token is required to request this resource. Type OAuthException. Compatible with most commercially available vibration isolation tables, the exceptionally stable ZDeck platform offers a large surface working area, allowing for the creation of even the most complex experimental setups. Using the ZDeck you can switch between whole organism and cellular imaging heights in seconds without the use of tools. The design of the platform facilitates undertaking Kohler illumination experiments at a range of focus heights. To meet the differing requirements and budgets of scientists, Prior Scientific offers a range of ZDeck platforms.



<http://schlammatlas.de/en/node/15727>

For experiments that demand precise movements in the X and Y axes the motorised ZDeck with submicron resolution and Prior's patented IST technology provides unmatched accuracy and repeatability. The motors of the ZDeck can be easily switched off during recording without the loss of position. By comparison the manual ZDeck enables manual experiment movement in the X and Y axes, at an entry level price. If your experiment does not require XY movement from the stage at all, the Fixed ZDeck offers a robust, stable, and rapidly height adjustable platform. Both the fixed and manual ZDeck platforms have no electrical motors and thus produce no electrical noise making them ideal for researchers performing extremely precise measurements requiring constant electrical silence. Quick Links Request Product Information Contact Supplier Its fixed stage concept and vibrationfree frame design ensures excellent stability throughout the experiment. Use of infrared light protects living cells and offers high penetration depths of thick tissue slices, while high NA optics allow magnification changes without moving the objective. Easy It's quick and simple to do Fast Your inquiry will be delivered straight to the manufacturer Free You're under no obligation Secure We only pass your details on to trusted suppliers at your request Save time Submit your details once and make multiple inquiries. Excellent resolution, efficiency of excitation, intuitive user interface and affordability are key characteristics of the Olympus FV300. The confocal system permits simultaneous collection of up to 3 detection channels and may be configured on either the IX2 inverted research microscope platform or the BX2 upright research microscope platform. All laser lines are combined to pass along the same fiber optic cable. To maintain the quality of the system and to improve it, please help us by donating. Extensions are copyright of their respective owners. Go to for details.

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This is free software, and you are welcome to redistribute it under certain conditions. Obstructing the appearance of this notice is prohibited by law. Compatible with most commercially available vibration isolation tables, the exceptionally stable ZDeck platform offers a large surface working area, allowing for the creation of even the most complex experimental setups. Using the ZDeck you can switch between whole organism and cellular imaging heights in seconds without the use of tools. To meet the differing requirements and budgets of scientists, Prior Scientific offers a range of ZDeck platforms. For experiments that demand precise movements in the X and Y axes the motorized ZDeck with submicron resolution and Prior's patented IST technology provides unmatched accuracy and repeatability. Other Features. Automatic rotor recognition, electronic imbalance detection, onefinger lid closure, soft brake function. Automatic rotor recognition, rotor recognition, electronic imbalance detection, safety lid lock. Biopharma industrial scale cell harvesting, broth clarification and separation of cell debris, separator can be a closed sanitized system, separates particles to 0.1 micron. Be sure to use this value in calculating the rpms required for each rotor. Here are a few important guidelines for operating a centrifuge. These can help prevent damage to the centrifuge and rotor and more importantly prevent possible serious injury to you and others. Use the correct rotor and make sure it is properly installed. Make sure your work surface is level and firm. A centrifuge should never be in operation on an uneven work surface. Balance the load in a rotor. If it is an identical liquid that you are balancing against, then volume will work just fine. Stop or unplug a centrifuge if you see excessive shaking. Check to see if your tubes are balanced and that work surface is level. If that's not the problem, schedule a service call. Don't move or bump the centrifuge while it is spinning.

<http://elmariachimexican.com/images/braun-4235-juicer-manual.pdf>



Make sure the centrifuge is in a location where this cannot accidentally happen. Don't open the lid to a centrifuge while it is spinning. Wear safety goggles if you are working near an operational centrifuge. Use the appropriate sample tubes for your rotor. Make sure your tubes are rated to be able to handle the max rcf of your rotor. Special tubes are needed for high force centrifugation. Limited. Yes. Process Grams to kilograms of purified compound. No. Yes. Proteins. Yes. Peptides. Yes. No. Sugars. Yes. No. Reaction Speed. Standard. Detection. CCD camera. Scanning Photomultiplier Tube PMT. Channel Photomultiplier CPM Fluorescence. Photodiodes. Excitation Source. Tungsten Halogen Lamp Detects 110 copies of target sequence. Lid Design. Standard. Smart Lid heated lid to minimize sample evaporation. This configuration is ideal for Neurophysiology, Patch Clamp, Developmental Biology, Thick Tissues, In Vivo samples and Intravital Microscopy. The large fixed stage plate is drilled and tapped for attachment of micromanipulators and recording devices. Focusing is accomplished by a motor drive moving the objective nosepiece in the Z axis so as to not interfere with micropipettes. Non coverslip corrected long working distance water immersion objectives are provided for live tissue studies. In addition there is a single lens nosepiece with a

special Long Working Distance 25X Water immersion objective with correction collar to compensate for refractive index mismatches. This objective is optimized for multiphoton confocal laser scanning of thick tissue sections. Additional nosepieces with dry and oil immersion objectives provide the flexibility using this instrument for more standard microscope slide applications. The microscope is equipped for Brightfield, Nomarski Differential Interference Contrast DIC and Wide field EpiFluorescence. Three filter sets for the most common fluorochromes are installed in a turret.

For Confocal Laser Scanning there is a multiline Argon laser and a Green HeNe. These produce laser line of 405, 458, 488, 543 and 635nm. A Del Mar Photonics Mavericks 65 CrForsterite Tuneable Femtosecond pulsed IR Laser is integrated to provide Multiphoton capabilities. The wavelengths produced from 1230 to 1270 nm are ideal for examining thick tissue samples. These are longer wavelengths than those provided by more common TiSapphire multiphoton lasers. The advantage of this laser is that it allows for deeper tissue penetration with less cell damage. The microscope is mounted on a Newport RS2000 Antivibration Table with separate racks for electronics and a Computer Workstation Desk with Dual Monitors. Configured with 3 lasers, forward scatter laser system, 3 sets of objectives, FV10MP fluorescence detector, and Wiproxy XY Stage. Specifically configured for large tissue sections approx. 200 microns. Trademarks used herein are trademarks or registered trademarks of BioSurplus, Inc. All other names and brands are registered trademarks of their respective companies. Call Monday Friday, 8am 5pm, to talk with one of our scientific team members. Click here to Login or Register. By closing this banner or continuing to browse otherwise, you agree to the use of cookies. Find out more. All relating to OLYMPUS microscopes, consisting of manuals, catalogs and howto guides ECT. These are all in PDF format. Be the first to review this product! We cant connect to the server for this app or website at this time. There might be too much traffic or a configuration error. Try again later, or contact the app or website owner. By using a disk containing microlens arrays in combination with the Nipkow disk, rotated to scan the entire field of view at high speeds, thus, making it possible to view confocal fluorescent images in realtime through the eyepiece of the CSU head.

<http://www.nandomoraes.com.br/wp-content/plugins/formcraft/file-upload/server/content/files/1626ebe767742b---bosch-maxx-front-loader-washing-machine-manual.pdf>

As compared to conventional single point scanning, multi beam scanning by the CSU requires a significantly low level of light intensity per unit area, which results in significantly reduced photo bleaching and phototoxicity in live cells. And then EMCCD camera has many technical advantages such as high sensitivity, high resolution, and high readout speed, which further enhances the imaging capabilities of Andorra Live Cell Confocal Imaging Platform. Supports multicolor fluorescent studies for imaging of living, whole mount or thickly sliced specimens. Dynamic biological processes can be imaged hundreds of micrometers within living cells and tissues. Low magnification lens and long working distance stage allow imaging of large samples. Single photon confocal microscope system was built on an Olympus inverted microscope IX81. Twophoton confocal microscope system was built on the Olympus researchgrade upright microscope BX61WI. It can perform fast fluorescence imaging, differential interference phase contrast imaging, phase contrast imaging and bright field imaging on cells according to different requirements of users. It has flexibly module configuration and high imaging resolution. If you are already included into the approved list of confocal Users, you need to include your name into Registration LogBook which is located in confocal room. You can reserve your time in the library computer in special Confocal Training and Data LogBook located in the library.

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