

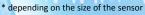




BAADER CHES CHELLE-SPECTROGRAPH

High Resolution Echelle Spectrograph with Autoguiding Port and Remote Calibration Port

- average spectral resolution R = 18,000
- optimized wavelength range 392-800nm*
- changeable 25 and 50μm slits. Slit length 125μm
- light and compact, only 1350g (without CCD camera)
- high mechanical stability, FE designed, torsion deformation below 9µm at 180° rotation
- optimized for sensor sizes ca. 15x10mm, 9µm Pixel (i.e. KAF-1603), usable with 7x4mm sensor sizes (i.e. ST-402) and DSLR's
- collimator focal ratio f/10
- optimized for 8" to 24" f/10 telescopes (full resolution from f/8 to f/12)
- · delivered in calibrated condition
- solenoid switches between the light from the telescope and the ThAr calibration and flatfield lamp of the RCU
- · manual red LED for Slit-Focusing
- two optional BACHES calibration versions available: Standard with ThAr lamp mounted on BACHES body (with separate power supply). Professional with Remote Calibraion Unit (RCU) with built-in ThAr lamp and halogen flatfield lamp remotely controlled via web interface





Accurate and Professional Calibration of BACHES Echelle-Spectra

- switchable between fully manually controlled and fully remote controlled
- integrated ThAr lamp and white light lamp for spectral calibration and flatfielding
- integrated power supply for all components
- high voltage 15mA current control for maximum ThAr lamp efficiency
- pre-aligned fiber coupling to BACHES for the ThAr lamp and flatfield lamps, with a removable 50µm fiber, 2.5m in length
- 6 pin, 2.5m power cable for the BACHES solenoid to switch between the telescope light and the flatfield lamp
- Remote control via 10/100 Mbit/s 10base Ethernet (RJ-45), TCP/IP protocol
- integrated web server for fast and easy internet access with any web browser
- additional local PC remote control via RS232 serial line
- size 320mm (L) x 215mm (W) x 125mm (H). L=345mm with handles
- weight net 5.6kg. Power supply 230V AC, 25W
- shielded case with four rubber pads for vibration damping
- optional mounting accessories, for either a 19" rack or direct telescope attachment, respectively



DER PLANETARIL

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