

High Frequency Reciprocating Rig

Available hardware and software options

What is the most suitable option for you?



HFRR: the basic system is supplied with a control unit. This is pre-set to perform ASTM D6079 and ISO 12156-1 test methods. Results are displayed on the in-built window. Wear scar is measured manually using metallurgical microscope and calibrated micrometer stage(HFRRMIC)

HFRRPC : Software enables user to perform standard tests (ASTM&ISO) through PC with parameters and results clearly displayed on monitor. PC, monitor and connecting cable are included.



HFRRSOFT: (HFRR software and connecting cable): Software required to perform standard tests (ASTM&ISO) with parameters and results clearly displayed on monitor. User must supply PC.

AUTOHFR: Enables user to perform non- standard testing, varying parameters such as temperature, test time and humidity. No hardware is included in this option.



HFRRWSC: HFRR wear scar camera is only compatible with the PCS microscope (HFRRMIC) it includes software to visualise the image and determine the wear scar diameter however is only fully-functional when used in conjunction with HFRSOFT.

Please note PCS Instrument is the only specified supplier of the HFR Rig and specimens on ASTM D6079 & ISO 12156-1.