

# ICE

## ICE cube

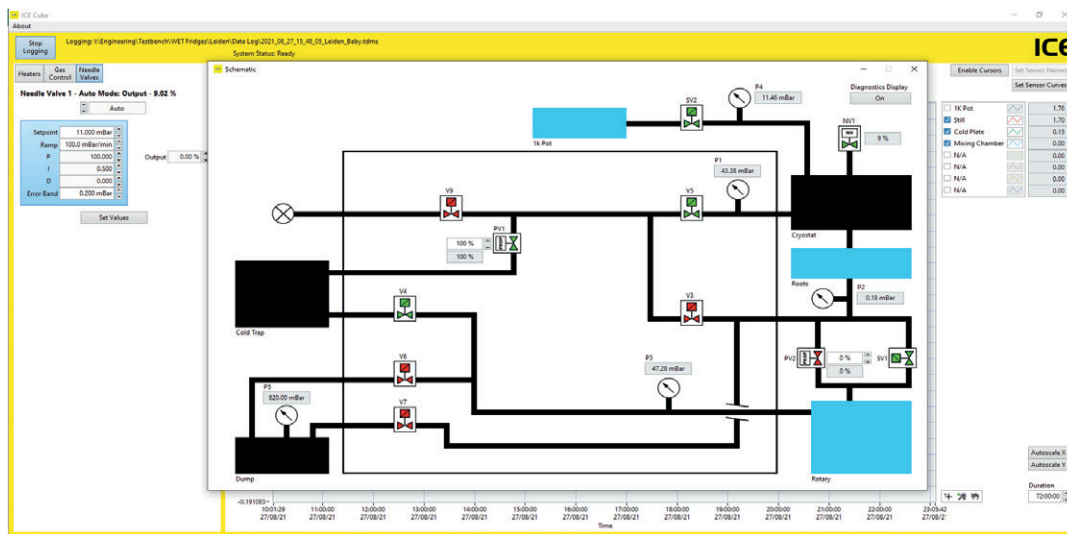
Including Controller Software

The ICE <sup>cube</sup> Gas Handling System has been designed to operate dilution refrigeration systems and The <sup>DRY</sup> ICE <sup>300mK</sup> Continuous, along side the ICE <sup>cube</sup> Controller Software.

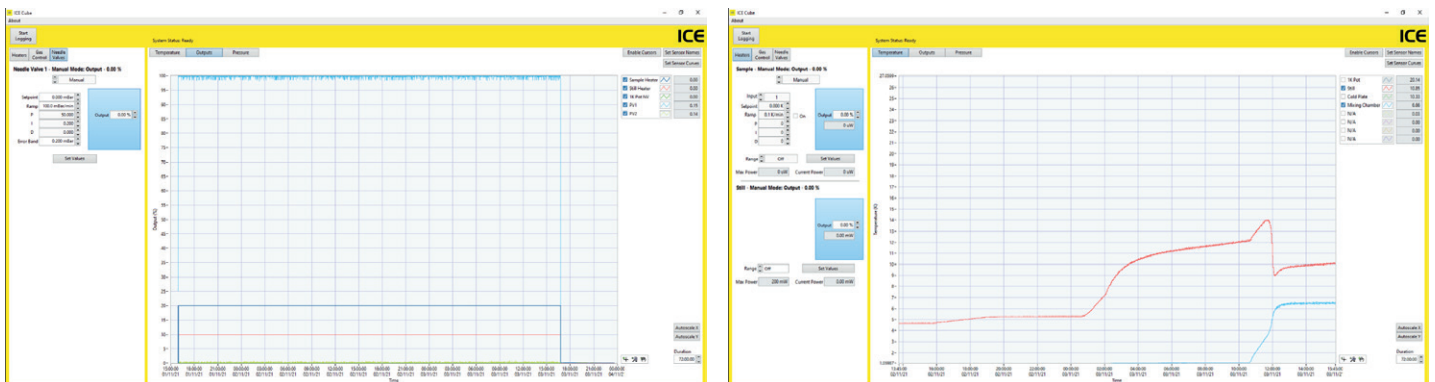


# ICE

The ICE <sup>cube</sup> enables users to have full control to perform all procedures required to run dilution and continuous He<sup>3</sup> systems, including condensing in, circulating at base temperature, warming up and the extraction of mixture. These procedures are fully automated but can be performed manually by the user if desired.



ICE cube Controller Software



Needle Valve Control Display

Temperature Control Display

The automatic routines enable the user to simply and effectively manage the cool down to base temperature. This means that the condense and system circulation can be done at a selected time which does not require the user to be present to adjust the system. Additional features include the ability to log, record and extract data in form of a .csv file or graphs.