

## **Minstrel HT - Rigaku equipment**

### **Database computer**

\*The manual is next to the database computer.

\*Please never shut the server down!

\*Please never use USB devices and never download files/programs.

\*Always add a plate in the database before trying to scan it. Use the correct plate type and the suggested barcode.

\*Contact Mahmudul if you need to have an account made.

Access to CrystalTrak Web is possible from all computers connected to the Internet via <http://minstrel.biol.lu.se>

Log in with username and password (upper right corner).

Not all functions are available through the web interface, but it is possible to score crystallisation trials in this way.

You can easily design screens in Crystal Trak that are identical to the ones you have pipetted using the Tecan, to assist interpretation of the drops. Just give it a try or ask for help when needed.

To scan plates, screen names need to be assigned (even it is your own design). If you don't want to setup your own design you could use the company: Rigaku, screen: Rainbow in this instances where you use a noncommercial home made screen. Note also only setup drops will be scanned.

The facility schedule run is setup with scans as below ending after about 6 months:  
0, 1, 3 days 1, 2, 3 weeks, 1, 2, 3, 4, 5, 6 months.

Note the earlier scans in these schedules have priority over later scans if the scanning times happen to collide.

## **The Minstrel computer**

The manual is next to the Minstrel computer.

Manual scanning of plates can be done from the Minstrel computer on the plate hotel. Nevertheless, all manually scanned plates must first be setup in the database (database computer). In this way it is possible to scan plates from the coldroom or 12 °C incubator since it is possible to adjust the temperature of the scanning unit in advance.

Please name your plate as below: Name\_protein\_screen\_date

Your name should be included to help us and you easily track your plates. Never use the characters below in the name of the plate or any folder that you create in the database:

. , /

The plate hotel will be bookable on Tuesdays and Thursdays. However it can be used anytime as long as you can manage yourself and it is free. There will be a public calendar setup called "Minstrel".

A few available plate types: Rigaku 3 well, MRC three well, MRC MAXI, Greiner 96-2 square low profile (for testing crystals in plate in X-ray beam without cryo).

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