

898 XYZ Sample Changer



- Straightforward automation for high sample throughput
- High operating speed
- Measurement & titration directly in the sample vessels
- High precision for reliable & reproducible results

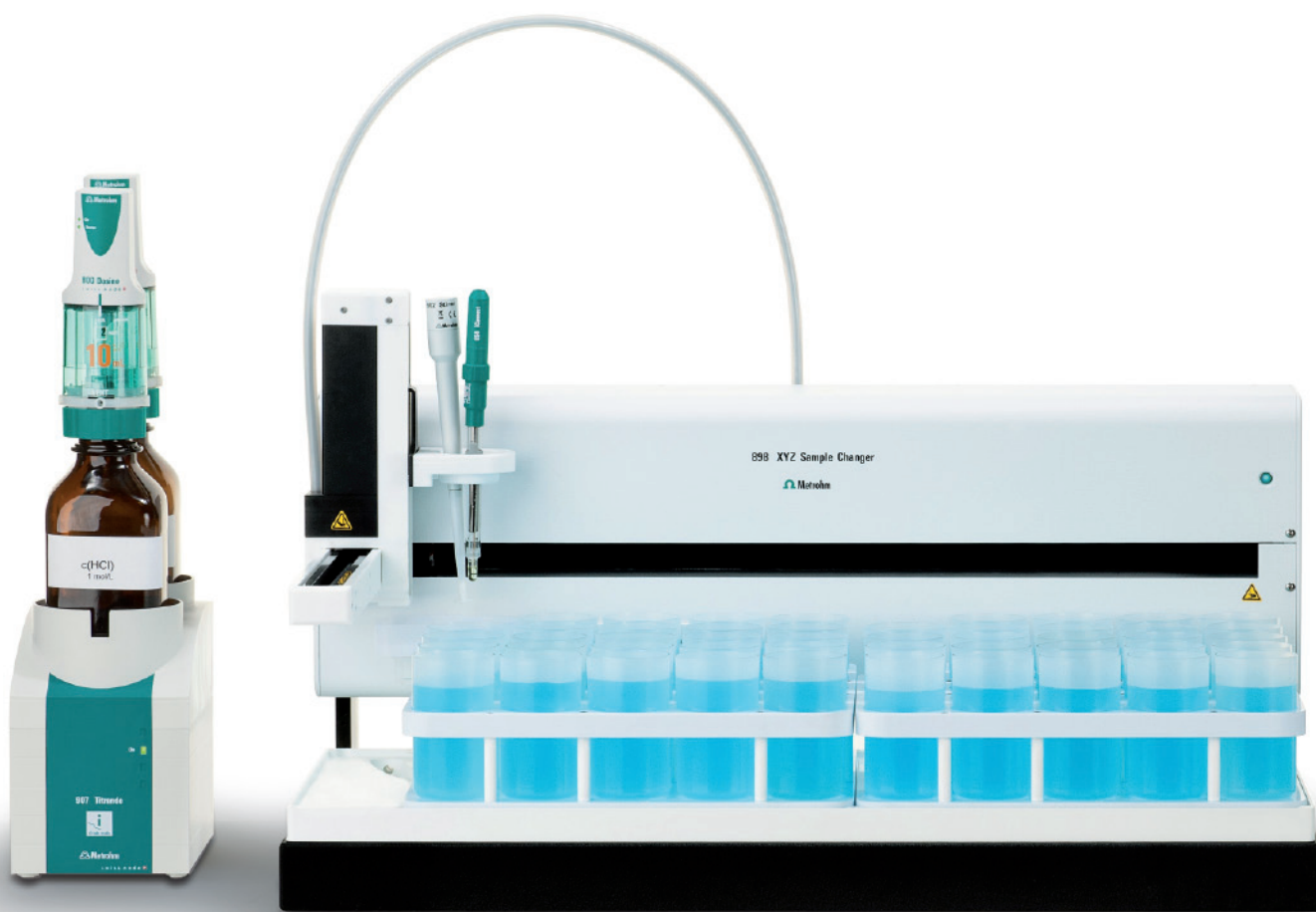
898 XYZ Sample Changer – the Metrohm Sample Changer for large sample series

02

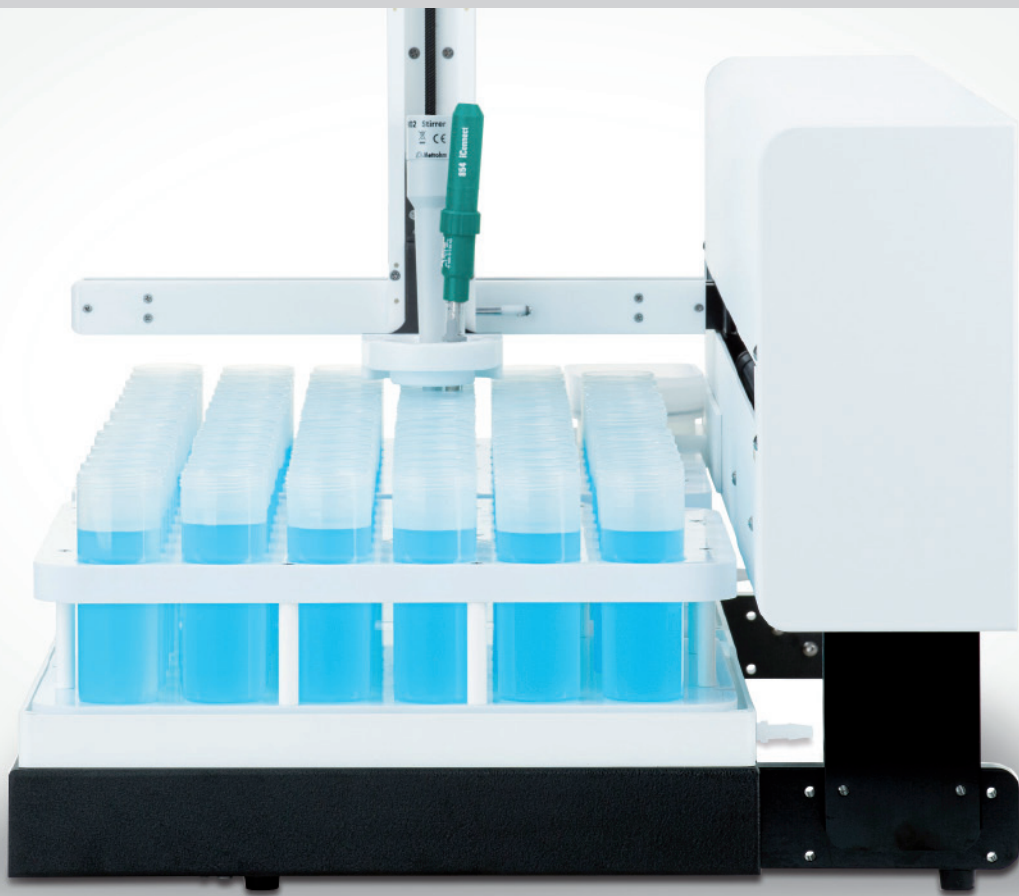
Get correct & dependable results faster!

The more samples your laboratory has to analyze, the higher the pressure to increase throughput and produce results. Nevertheless, each sample demands the same amount of care and attention. Correct and reproducible results can only be expected if each step in the preparation and analysis is always performed with the same precision.

The 898 XYZ Sample Changer provides automation to the analysis of large sample series with utmost precision. Plenty of space for 82 samples and the 898's high operating speed mean that you save considerable amounts of time in routine analysis. That's valuable time you can use for evaluating results or doing other work in your laboratory.



Time is money: with the 898 XYZ Sample Changer you save time while producing correct and reproducible results.



The advantages of the 898 XYZ Sample Changer at a glance

- Get correct & reproducible results faster
- Continuous sample processing
- Rack-change during operation
- Different sample racks available
- Controlled by **tiamo**[™], the leading titration software
- Robust and reliable

The 898 XYZ Sample Changer – perfection in every detail

04

In-built pump and rinsing station for clean work

The 898 XYZ Sample Changer is equipped with a space-saving membrane pump and a rinsing station. The moment that the titration equipment is immersed in the rinsing station, the pump is switched on and the electrode and stirrer are cleaned with fresh solvent.

The duration of the rinsing step can be freely defined, so that this can be adapted to the type of sample. If required, the removal of the processed sample solution can be automated with additional external pumps.

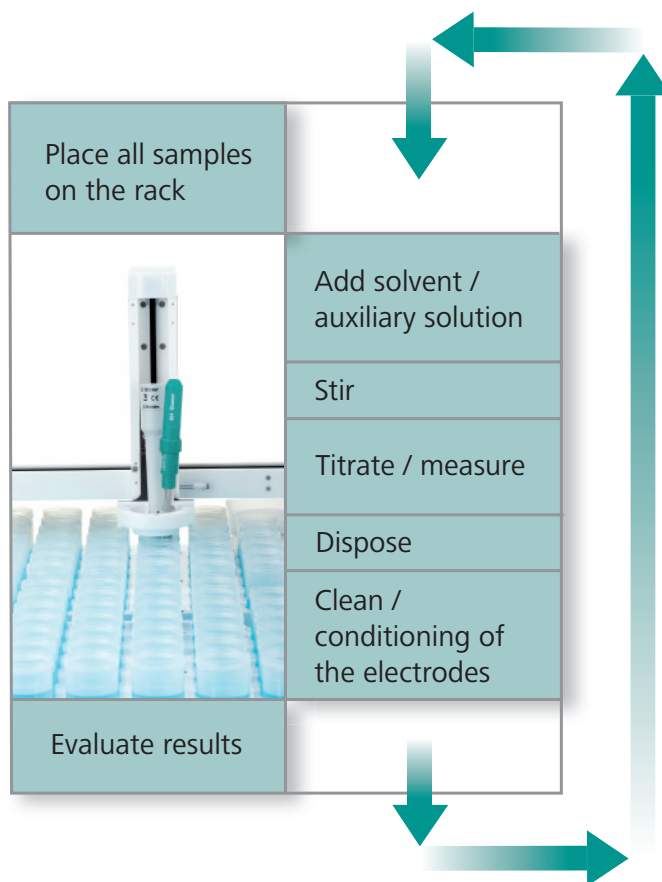


Continuous results

The 898 XYZ Sample Changer can be operated with various sample racks. Even with the standard racks, many applications can be directly automated, without having to adapt SOPs for sample volumes.

As the racks are split into two, racks with the next batch can be rapidly and simply inserted while the samples are running. This means that you can always make the most of the capacity of your 898 XYZ Sample Changer.

05



Benefits of an automated analysis using the 898 XYZ Sample Changer: working steps performed by the user in the left column, working steps automated by the 898 in the right.

*tiamo*TM provides a professional database

06

The 898 XYZ Sample Changer is controlled by the world's leading titration software *tiamo*TM. Operation could not be easier: simply place the samples or racks on the sample changer and enter the sample data. It is even simpler to enter the data with a barcode reader or balance. After the start signal, the whole batch is automatically processed.

If the capacity of your 898 XYZ Sample Changer is used to the maximum, you will easily produce several hundred results per day. Still, you never lose the overview, as the *tiamo*TM database is very clear. You can comfortably and flexibly administer your data, using control cards, filter and export functions and the freely definable layout of the user interface.



Ordering information

2.898.0110 898 XYZ Sample Changer 82 x 120 mL

With 1 pump and 1 rinsing station

2.898.0210 898 XYZ Sample Changer 48 x 250 mL

With 1 pump and 1 rinsing station

External peristaltic pumps

2.843.0120 843 Pump Station (peristaltic)

With 2 pump heads

External membrane pumps

2.843.0020 843 Pump station (membrane)

With 2 pump heads

Stirrers

2.802.0020 802 Stirrer

6.1909.020 Propeller PP (96 mm) for 802 Stirrer

6.1909.050 Propeller ETFE (111 mm) for 802 Stirrer

2.804.0010 804 Ti-Stand for connecting 802 Stirrer to Titrande

07



www.metrohm.com