

GOOD REASONS FOR

# XrWeigh Carousel FLUX DOSING EQUIPMENT

## KEY FEATURES

### THE BOTTLE SWITCHING BENEFIT

To change between different types of flux or to store the remaining flux when the system is not in operation is just a simple turn of the bottle away.

The small amount of flux in the distribution system will automatically be removed. This keeps moisture effectively away from the flux as well.



#### Simple Bottle Switching

The XrWeigh system makes it easy and cost efficient to operate the flux storage. The flux simply stays in the bottle.

A specially designed lid guarantees a secure connection between the bottle and the flux distribution system of the XrWeigh.

### ACCURACY AND PRODUCTIVITY WHEN YOU NEED IT MOST

The XrWeigh Carousel has been developed for the fast accurate measurement of flux and other powder based chemicals for precision applications. In a typical laboratory environment the introduction of the XrWeigh Carousel will reduce the time needed for manual weighing by up to 75%.

The instrument is also simple to use with an easy to follow user interface, requiring little or no training. A range of weights and tolerances are configurable and can be optimized for the combination of speed and accuracy for each method.

#### Simple Operation

“One touch” operation, just turn it on! Attach flux bottle, set your target and let the Carousel do the rest.



### Reliable

Based on the existing single system architecture, simple modular design, extensively tested.



### Two dispensing systems

Two systems linked together for fast and precise weighing at the same time.



### Easy Clean

Simple flux bottle replacement, easy access for cleaning, low maintenance.

### Fast

Weigh 30 vials of flux in less than 20 minutes.



### Dispense in vials or crucibles

## Streamline your Process!

The XrWeigh Carousel takes the hard work out of flux weighing, removing a repetitive task from your laboratory while improving accuracy and traceability.



## SINGLE STATION

## ONGOING SUPPORT

The purchase of an XRF Scientific weighing machine is the beginning of a relationship where we provide access to a range of support and technical services to meet your fusion needs.

Whether you are new to fusion or an experienced user we have a range of services to increase the productivity and throughput of your application.

- Advice on appropriate selection of flux and standards
- Organization of platinum remake processes
- Technical advice on difficult fusion issues
- On-site support and preventative maintenance programs

Please see our website for details of our representatives in your area: [www.xrfscientific.com](http://www.xrfscientific.com)

## THE COMPLETE SOLUTION



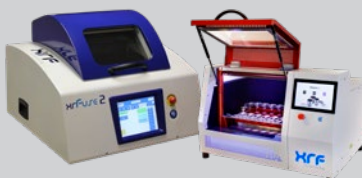
### Flux

We are the world's pre-eminent manufacturer of flux. We can provide standard borate fluxes or custom solutions to meet your specific needs.



### Labware

We manufacture labware for all our fusion instruments in house. We can also provide a remake service for the transfer from other labware designs.



### Fusion machines

We manufacture fully automated electric or gas operated fusion machines. Safe, easy and reliable to operate and suitable for various numbers of samples handled per day.

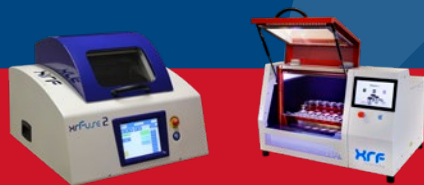


# TECHNICAL SPECIFICATIONS

Technical specification	Carousel	Single Station
Capacity	30 vials or 18 crucibles	1 vial or 1 crucible
Speed*	> 90 vials per hour (depending on volume and accuracy requirements)	n. a.
Accuracy	$\leq 1$ mg (speed dependent)	$\leq 1$ mg
Height	420 mm	370 mm
Width	750 mm	420 mm
Depth	600 mm	420 mm
Weight	35 kg	20 kg

\*dependant on flux type

We reserve the right to change the design or specification of our products without notice. Some of the information contained in this brochure is general in nature and customers should check that it is applicable to their individual circumstances.



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