HIGH-FREQUENCY INDUCTION FUSION SYSTEM

Sample preparation is the main error source for XRF measurement. With high temperature, the fusion system can fuse samples into even glass slide. It can reduce the sample error arisen from mineral effect, particle effect and unevenness. Fusion system has been widely used as a necessary device for XRF sample preparation. High-frequency induction fusion system has some features, like good repeatability, high precision, short sample preparation time, low cost and so on. It has been widely used in iron & steel, metallurgical, cement, inspection, chemical and other industries

Features:

- Quick sample preparation, 6 – 10 minutes for every sample preparation including cooling time.
- For larger quantities of sample preparation
- Shaking, self-rotation and pouring can let sample mix completly
- Moulding method to lower crucible cost
- Manual or automatic moulding can be selected by customer
- Automatic moulding can decrease interference
- Applying PLC controller with life more than 100.000 hours
- Touch-screen is easy for operation
- Sample preparation procedues and parameters can be set easily
- Safe operation with exhaust system
- No need preheating
- Real time infrared temperature measurement

V4D, V4D+

MODEL	SAMPLE NO.	MOULDING MODE	DIMENSIONS
V4D	**2**	**Manual moulding mode Double-crucible & double-mould**	**660x700x530 mm**
V4D+	**2**	**Automatic moulding mode Double-crucible & double-mould**	**720x780x580 mm**

FUSION FREQUENCY

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