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Ferrite Meter SP10a

1. Preface

In the chemical industry the stress-bearing members of containers，pipes，reactor vessels and other plant are usually made of austenitic steel or duplex steel or cladding of austenitic chromium-nickel steel. The residual ferrite content must be within a specific range compatible with the mechanical strength requirements or the item concerned. The SP10 was developed to facilitate accurate ferrite content measurements on welded seams and cladding items. It gives results that match for the standards of GB/T1954-2008、ISO 8249 and ANSI/AWSA4.2.

2. Features

- LC-display,
- Two display modes (SAVE and FREE).
- Two units — Fe% and FN (WRC number).
- Statistics display together with measurements.
- Built-in Rs-232 interface for printer（Option if need）

3. Technical data

The meter is mainly used for the determination of the ferrite content of welded austenitic steel or Duplex or cladding of austenitic chromium-nickel steel weld.

Type SP10

Probe SF-1.0a

Range： 0.1~80%Fe , (0.1~110)WRC-number

Precision： ±2%(raneg0.1~30%Fe), ±3%(raneg30~80% Fe)

Operating temperature： 5 ~ 40℃

Batteries : 9v 6F22

LX WX H 175X100X38mm

Accessories ：

Carrying-case , Operating Manual

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