

Technische Daten

Dickenmesssystem



1. Allgemein

Identifikations-Merkmal	
Hersteller	Mesys
Maschinentyp	OFA950/USMX-200
Maschinen - Nr.	
Inventar - Nr.	

Technisches Merkmal	Wert	Einheit
Scanbreite	850	mm
Scanverfahren	Ultraschall	

2. Technische Daten

- **Pos.2: Operator Terminal NME1:** Rittal Cabinet, Standard PC with Intel Core, SSD120 GB, 19"LCD, Network, DVD, 4GB RAM, opt. Mouse, Keyboard. A/D conversion board. Alarm lamp.
- **Pos.3: Operator Software** SPCwin, WIN7, Display of cross web profile, Machine direction profile, Mean values, Roll profile, Plane profile, Statistics, Difference profile due to substrate, Process analyzer etc.
Software SPCdoc, SPCalv

System Description:

Scanner O-Frame OFA950/ USMX-200

- Scanner for web width up to 850 mm
- USMX-200 patented, non-contact ultrasonic measurement method
Measuring Range: 0 – 800 gsm or micron
Measuring accuracy better 1% relating to a standard, typically. 0.5%
Resolution =12bit, static Repeatability 0,25% from the meas.
- Stepper Motor Controller with RS422 data link, Power Supply 24V,
- Automatic scanning of web width and position after each traversing, material fault detection,
- 4-Phase Stepper Motor Drive
- Timing belt drive for carriage, gear belt transmission
- Cable drag-chain
- Precision linear guidance
- Bi-directional scanning for continually reading of position and profile
- High speed retract of measuring head, variable traversing speed (0-18m/min)
- 100m Cable RS422 link to Operator Terminal / other on request
- Main Power 115/230V
- Color RAL 7035 or other on request

Anlagenbeschreibung:

Lohmann Therapie Systeme is planning to purchase a non-radioactive OnLine Weight monitor System with an O-frame Scanner for roller width of 950mm. The maximum web width is 850 ± 20 mm. The system should comply with the cGMP guidelines to enable measuring of pharmaceutical films products and the essential safety and health requirements of the EC Machinery Directives (CE Marking).