

BKG[®] NorCon[™] EM and EMR

Manual Screen Changer

- Normal operation:** 1 screen cavity (100%) in the process
- Backflush:** Not possible
- Screen change:** During a screen change, the screen cavity (100%) in the process is removed manually, indexing the other screen cavity (100%) into operation

Applications

From the worldwide leader in filtration equipment, Nordson offers the EM / EMR manual screen changers. Contamination of the melt stream by metal, wood, paper or degradation yields products that are unacceptable in appearance or performance. Manual screen changers are the least expensive and most suitable option for processes that require infrequent changes. Manual screen changers minimize costly downtime for screen replacement. With a simple swing of the handle lever during routine shutdown, clean screens are quickly brought on-line. No line disconnection occurs, and full production is re-established. The EM can easily be retrofitted with a ratchet mechanism that is mounted to the top.

Benefits

- Compact extruder interface
- Leak-free operation
- Safe operation
- Optimized polymer rheology
- Low capital and operating cost

Features

- Bolt through extruder connection
- Extruder screw pull through
- Pressure activated sealing
- Optimized flow channel design
- 3 position handle

Technical Information

Machine Type/Size	EM 10-45 EMR 20-60
Screen Dimensions	Ø27- Ø154 mm (1.1 - 6.1 in)
Throughput*	5 – 1,100 kg / hr (10 - 2,450 lb / hr)
Screen Area	5.7 – 186 cm ² (0.9 - 28.8 in ²)
Temperature	Up to 343°C (650°F)
Heating	Electric
Max. Operating Pressure	Max. 690 bar (10,000 psi)
Differential Pressure	Max. 200 bar (3,000 psi)

*These throughput values are only estimates. The actual rates are dependent upon the viscosity of the material, filtration fineness, application and the contamination level of the material; therefore, the values may differ depending on the actual process parameters.



Ratchet Option

- Retrofittable design to current EM Models (EM → EMR)
- Less torque requirement = less operator effort to shift side plate
- Compact line configuration

High Temperature Seal Option

- Expanded low viscosity sealing
- For temperatures between 260–343°C (500-650°F)
- Retrofittable design

Nordson BKG GmbH
Hessenweg 3-5
48157 Münster / Germany
Phone +49.251.26501.0

USA
Phone +1.828.326.9888

China
Phone +86.21.5785.091.8

Japan
Phone +81.3.5762.2770



nordsonpolymerprocessing.com | info@nordsonpolymerprocessing.com

© 2021 Nordson BKG GmbH
Printed in USA
09/2021

BKG is a trademark of Nordson Corporation,
registered in the United States and other countries.