

Electric Magnetic Filter

(Model : EMF-D/W)

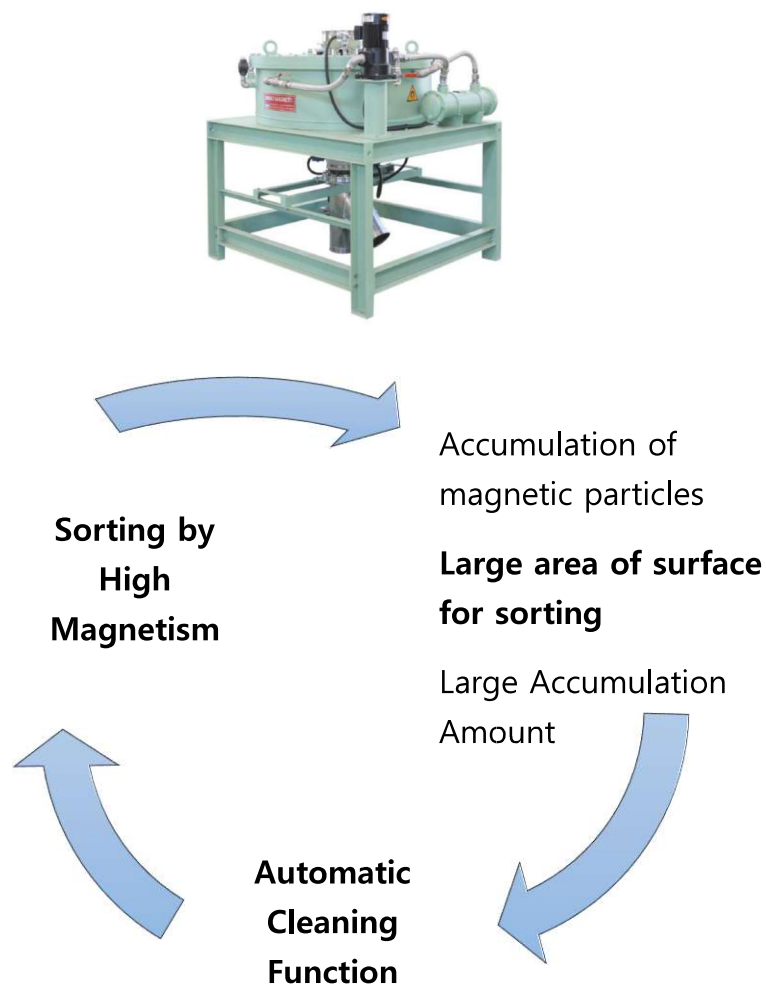


대보마그네틱(주)
DAE BO MAGNETIC CO.,LTD.

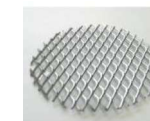
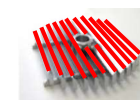
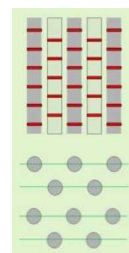
Principle of Removing Metallic Particles

Factors for good EMF

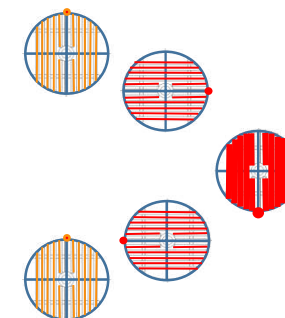
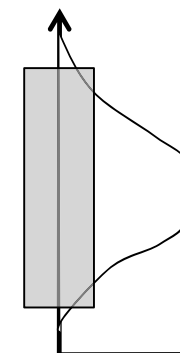
- Surface Area Modification
- Optimum Magnetic Field
- Good Fluidity
- Easy Cleaning



MAGNETIC BAR



Height of Magnetism Formation(H)



Magnetism (GAUSS)

Lower Magnetic Upper Magnetic Strong Magnetic

(- Property Particle)

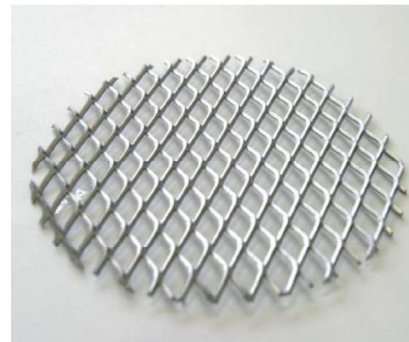


대보마그네틱(주)
DAE BO MAGNETIC CO.,LTD.

Core Technology of DAEBO's EMF

Higher and more stable Magnetic Field

Combination of Screens



Various Screens
(Tailored design)

Superior Deferrization
Good Sorting Performance
Easy Control



대보마그네틱(주)
DAE BO MAGNETIC CO.,LTD.

Type of EMP(General & Constant Magnetism)

	DAEBO MAGNETIC	
Type	A. General Magnetism / Standard Export Type	B. Constant Magnetism Type
Magnetism Data	<p>Capable to adjust the Magnetism Continuously</p>	<p>Capable to adjust the Magnetism Continuously</p>
Magnetism Alteration		No change of Magnetism due to the machine temperature
Core Magnetism	2,900 ~ 3,600 Gauss	~ 4000 Gauss
Assumed Magnetism by standard screen	13,000 Gauss	MAX Gauss (Utilizing maximum Magnetization point)
Magnetism Setting Method	Continuously magnetism adjustable (cf. Possible to operate as the most appropriate magnetism according to Raw Material Particularity)	
Screen Applying	Possible to change the Screen according to Raw Materials' Characteristic	
Remarks		Proven Technology based on supply records to Golbal Major Battery Makers.



ISO 9001 for EMF-D/W



Certificate of Approval

Accredited by Member of the International Accreditation Forum Multilateral Recognition Arrangement for Quality Management systems

KQA approves that the Quality Management System of the following company is conformed with the certification audit criteria.

Certificate No. : KQA-Q00970
 Company : DAEBO MAGNETIC CO., LTD.
 Address : 25-13, Hyundaikia-ro, Paltan-myeon, Hwaseong-si, Gyeonggi-do, Republic of Korea

The standards for this certificate of conformity are as follows.

Management Systems Standards :
 ISO 9001:2008 / KS Q ISO 9001:2009

Scope of Registration :
 Design/development and manufacture of Gate magnet, Magnetic separator, Lifting magnet, H-DRUM, EMF-D/W

Original Approval : 18 August 2000
 Validity : 18 December 2017 - 17 December 2020
 Date of issue : 3 November 2017 (Renewal of certificate)

Moon Jong Seo  Lead Auditor
 Song Jong Cheol  CEO


Korea Quality Assurance 

※ Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by consulting the organization.

Korea Quality Assurance(KQA) is accredited by Korea Accreditation Board(KAB) as ISO 9000 Certification Body/Registrar. (Accreditation No. : KAB-QC-05)

This certificate is valid until September 14, 2018 (the end day of transfer for Ver. 2015)

KQA Address : 2/F, Hyejeong Bldg., 48, Manan-ro, Manan-gu, Anyang-si, Gyeonggi-do, 14034, Republic of Korea



품질경영시스템 인증서



품질경영시스템에 대한 IAF의 국제다자간상호인정협정(MLA)가입 인정기관에 의한 인정


인증번호 : KQA-Q00970
 회사명 : 대보마그네틱(주) 대표자 : 이준각
 사업자등록번호 : 130-81-50004
 소재지 : 경기도 화성시 팔탄면 현대기아로 25-13

위 업체에 대하여 아래와 같이 품질경영시스템을 인증합니다.

적용표준 : ISO 9001:2008 / KS Q ISO 9001:2009
 인증범위 : Gate magnet, Magnetic separator, Lifting magnet, H-DRUM, EMF-D/W에 대한 설계/개발 및 제조

최초인증 : 2000년 8월 18일
 유효기간 : 2017년 12월 18일 ~ 2020년 12월 17일
 발행일자 : 2017년 11월 3일 (인증갱신)

문종서  심사반장 송종철  원장

한국품질보증원 

※ 이 인증서의 범위 및 ISO 9001:2008 요구사항의 적용사항에 대한 추가 설명은 해당 조직에 요청하여 입수할 수 있음

한국품질보증원(KQA)는 한국인증전력위원회(KA)가 품질보증원에 인증기관으로 인정(인정번호 : KAB-QC-05)을 받았으며, 이 인증서는 현행기간 종료일인 2018.09.14일까지만 유효합니다.

한국품질보증원 소재지 : 14034 경기도 안양시 만안구 민안로 49, 2층 (만정동, 호정타워)

CE & UL Certificate

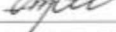


Certificate of Compliance

Manufacturer Daebo Magnetic Co., Ltd.
Address 25-18 Mundakja-Ro, Dalseon-Myeon, Hwasung-Si, Gyeonggi-Do, Korea
Product Name ELECTRO MAGNETIC FILTER (WET TYPE)
Model Name EMF-W150S-EX
Serial No. 2017-01B
EU Directives Machinery directive 2006/42/EC, Low voltage directive 2006/95/EC
Applied Standards EN 953:1997+A1: 2009, EN1037:1995+A1: 2008, EN ISO 12100: 2010, EN 60204-1: 2006/AC:2010, EN ISO 13849-1: 2009, EN ISO 13850: 2008, EN ISO 14119: 2013, EN 61000-6-4:2007/A1:2011, EN 61000-6-2:2005/AC:2005
Report No. 17051-1301Z

GREEN SCA confirms that the tested and examined machine conforms to the requirement of the above referenced standards and EU directives.
 All examination and evaluation details are described in the examination report of GREEN SCA. The manufacturer has the responsibility to ensure that future machine conforms to the design specification and construction of the examined machine. If the design specification or construction of the machine is modified in the final examination, the manufacturer must inform GREEN SCA and a follow up evaluation will be necessary to verify the changed specification.

Date of Issue 2017.05.23

Signature 
 Seungyoung Lee

Green SCA Co., LTD.
 Address : 412-1 ho, 70, Dusan-ro, Geumcheon-gu, Seoul, 08584, Korea
 Tel. : 82-2-2068-6710 Fax : 82-2-2068-6711
 E-mail : admin@greensca.com Homepage : <http://www.greensca.com>
 This Certificate does not mean the "Certificate" issued by Notify Body in EU.




90 DAY LIMITED PRODUCTION AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant: LG Chem, Ltd.	Manufacturer: DAEB0 MAGNETIC CO.,LTD.
Address: 128, Yeouil-daero, Yeongdeungpo-gu, Seoul, 07336	Address: 25-18 Mundakja-Ro, Dalseon-Myeon, Hwasung-Si, Gyeonggi-Do, 18274
Country: Korea	Country: Korea
Contact: Hyun Chul Lim	Contact: Chan-Gab Jung
Phone: 82-10-9091-9193	Phone: 82-10-8903-5108
FAX: -	FAX: -
Email: hyunchul.lim@lgchem.com	Email: daebo1@daebo.com

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Service Taiwan Ltd.

Control Number: 5012334 **Authorized by:** 
 for Dean Davidson, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

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Intertek Testing Services NA Inc.
 545 East Algonquin Road, Arlington Heights, IL 60005
 Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s): Industrial Control Panels [UL 508A:2018 Ed.3]
Product: Industrial Control Panels
Brand Name: LG Chem
Models: ELECTRO MAGNETIC FILTER (EMF-W250)



대보마그네틱(주)
DAE BO MAGNETIC CO.,LTD.