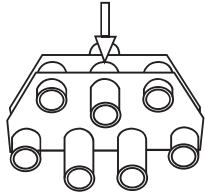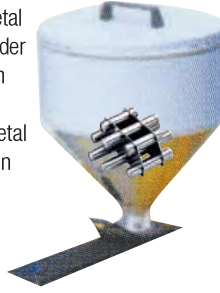**Code: EGM**

Magnetic Separator for Injection Machine

It keeps unwanted metal particles in raw material.
Especially in your injection machine, the unwanted metal particles mixed in the raw material damages the extruder of injection machine. This is for screening / elimination process at the bottom of fluid raw material. Stainless magnetic rods are excellently powerful in keeping metal particles and cylindrical magnetic rods can be used in liquids since they are compatible with fluidity compliance of raw material.
Additionally / Example: Its also keeping metal particles in liquid tank of Spark Erosion EDM.

"EGM" Magnetic Separator is the cheapest insurance of your injection machine.

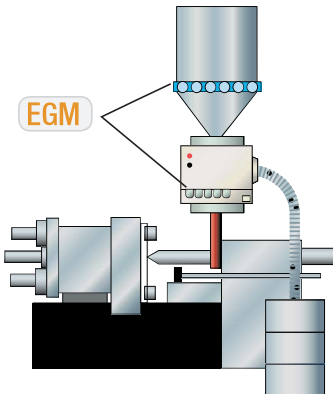| Order	Product Dimensions	Weight
EGM20C	**width:** 170 x **length:** 180 x **height:** 75mm	2.7 kg.
EGM25C	**width:** 220 x **length:** 230 x **height:** 75mm	4.0 kg.

It is for raw material feed hopper of injection machines.
It is quick and practical in all metal screening / eliminating processes, a toolkit which should be used.
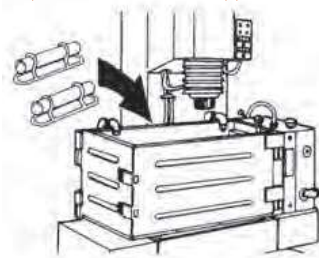
Usage: It is inserted to raw material feed hopper of injection machine. It is equipped with very powerful neodymium (Nd Fe B) magnets and materials are from stainless steel, also can keep very thin metal particles. When "EGM" Magnetic Separator is used, the extruder life of injection machine is prolonged considerably. The main advantage of magnetic magnet is its demagnetization opportunity. The cleaning of metal particles on stainless rods can be done rapidly and comfortably.
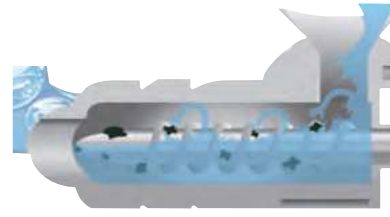**Heat Resistance:** 60°C

* Injection Machine Applications

EGM

* Spark Erosion "EDM" Applications

TEKN◯CLEAN

NEW Only at Guvenal sales points.

Order Code: GTH1000

Teknoclean Cleaning Agent
(Cleanser & Colour Changing Agent)

Teknoclean Specifications: It provides quick and efficient transition in thermoplastic raw material and colour changing. It also cleans extruder area of injection machine. Less raw material consumption in raw material colour changing process. It easily cleans oxidized, burnt and stubborn dirts in injection machine extruder, thus it provides economical profit. It is efficient in colour changing processes of raw materials such as P and C, PP, TPU, PPS, PA6, PA66, POM, HDPE, LDPE, EVA, PS, ABS, PMMA, PC, SAN, SBS, SEBS, CA, PBT, PET and in injection machines, all hot and cold runner systems. It can be safely used during machine cleaning and colour changing process in extrusion machines (compounding, metal sheet, profile, cable and pipe) and blowing machines (packaging, film).

Fields of Usage:

1
* Decrease the injection / screw temperatures 20-30° from the current temperatures. Please check temperature / proportion table.
* Nozzle area temperature should be normal processing temperature (don't decrease 20-30°C).
* Hotrunner and nozzle temperatures should be increased 50°C above normal.

2
* Shake Teknoclean bottle well before use.
* Put %3-4 Teknoclean into natural color PP granules and mix very well. To adjust total amount please check screw diameter/mixture amount table.

3
* Decrease the screw speed up to %50 or lower and let the cleaning mixture go through from feed hopper to machine.
* Increase back pressure slightly.
* Use total injection stroke for cleaning.
* This agent can also be injected into opened mould to clean tooling, cold runner & hot runner system to clean dirty channels.
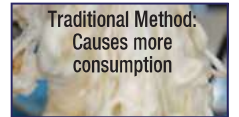
4
* Use pure PP natural for rinsing machine, the raw material you added is purely sprayed out of the machine.

You can obtain the full user manual from our technical department or your sales representative.

Highly Productive "Guvenal" Product

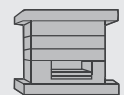**Traditional Method: Causes more consumption**

"Teknoclean" usage according to injection machine screw diameter:

Screw Diameter	20 - 40 mm	40 - 50 mm	50 - 60 mm	60 - 80 mm	80 - 100 mm	100 - 120 mm
Carrier Polymer PP	0.5 – 1.0 kg.	1.0 – 3.0 kg.	3.0 – 5.0 kg.	5.0 – 10.0 kg.	10.0 – 25.0 kg.	25.0 – 35.0 kg.
Teknoclean Amount	25-50 gram	50 - 150 gram	150 - 250 gram	250 - 500 gram	500 - 1250 gram	1250 - 1750 gram

120 - 150 mm	175 - 100 mm	100 - 120 mm
35.0 – 70.0 kg.	70.0 – 90.0 kg.	90.0 – 150.0 kg.
1750-3500 gram	3500-4500 gram	4500-7500 gram

Teknoclean is a "Guvenal" production.

Injection Moulds

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