

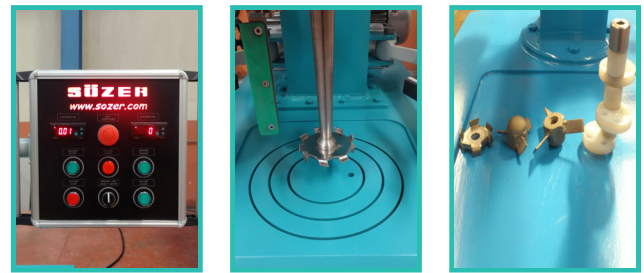
## 9. LABORATORY EQUIPMENT



### 9.1. SML SERIES LABORATORY TYPE HIGH SPEED DISSOLVER MACHINES

#### AREAS OF USE

These mixers developed for laboratories for pilot production purposes in trials or product development where homogenization and dispersion is required such as paints, construction chemicals, floor coatings, plasters, printing inks, pigment pastes, adhesives; fillers, sealants, casting components, composite materials, cosmetic products, food products and pesticides.



#### STANDARD SPECIFICATIONS

These mixers, designed for laboratories, are very practical and have a very compact design. In addition, it has a very strong design with its own table as standard. In this respect, they can easily perform highly homogeneous mixing, dispersion and milling up to a certain level. As standard, two different diameter mixer propellers are supplied with the machine. In addition to our standard models, they can be manufactured for your projects according to your desired capacity and engine power. It has variable-speed adjustment with the frequency inverter technology. It has a time-adjusted mixing property.

#### OPTIONAL SPECIFICATIONS

Different types of mixing equipment, the specification of moving up and down over its own body with an electro-hydraulic system, a scraper system movable on the edge and base, automatic vacuum system, double-type disc propeller, temperature measurement system, the ex-proof design in ATEX Zone 1 EEX dIIB T4 standards, recipe controlled semi-automatic or fully automatic PC / PLC control system are optional.

Machine Type	SM 3-L	SM 10-L	SM 50-L
Main Engine Power (Kw)	0,37 - 2,2	1,1 - 3	3 - 7,5
Mixing Speed (rpm)	0 - 3000 / 6000 / 12000	0 - 3000 / 6000 / 12000	0 - 1500 / 3000
Total Volume (Lt)	3	10	300
Efficient Volume (Lt)	0,6 - 2,4	2 - 8	10 - 40