



**Pollution Prevention  
for the 21st Century**

**SOLVENT DISTILLATION UNIT TECHNICAL BULLETIN:**

**ZYMO® Model 190**

**Description**

The solvent distillation unit is used in conjunction with the non-flammable, green solvent called Surfzyme® Penetrant. The ability to recycle this cleaning fluid dramatically reduces the operating costs of washers. The machines can distil up to 99% of the waste thus reducing the hazardous liquid waste that needs to be transported off site and the amount of fresh solvent that needs to be stored on site. The unit is used with a vacuum unit. This allows the solvent to be distilled at a lower temperature.

**Key Properties**

- ✓ Quality stainless steel construction
- ✓ All ATEX approved.
- ✓ Recycling of cleaning fluids for minimization of operating costs and waste disposal
- ✓ Automatic or manual operation
- ✓ Model 190 used with other Zymo models to reclaim fluid and reduce costs / waste disposal
- ✓ No Volatile Organic Compounds (VOC.s) with Surfzyme Penetrant solvent cleaner
- ✓ Surfzyme® Penetrant is Non-hazardous Non-corrosive and NSF approved N° 142027
- ✓ Easy to install with complete instructions provided
- ✓ Optional ZYMO/ERIKS can instruct operators on use and maintenance.
- ✓ Custom sizes available to suit customer needs

| FEATURE/Model            | MODEL 190S                            | MODEL 190M                            | MODEL 190L                            |
|--------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Part #                   | 20190                                 | 20191                                 | 20192                                 |
| Distillation type        | Vacuum Distillation                   | Vacuum Distillation                   | Vacuum Distillation                   |
| Paint / Cleaner type     | Surfzyme Penetrant                    | Surfzyme Penetrant                    | Surfzyme Penetrant                    |
| Capacity (Liters)        | 15                                    | 30                                    | 60                                    |
| Dimensions L W H (mm)    | 550 x 650 x 1650                      | 650 x 1000 x 1160                     | 690 x 1100 x 1600                     |
| Weight (Kg)              | 67                                    | 142                                   | 212                                   |
| ATEX approved            | 2 IIG                                 | 2 IIG                                 | 2 IIG                                 |
| Absorbed power (kW)      | 1.04                                  | 2.04                                  | 4.00                                  |
| Air pressure / Operation | Pneumatic 6-19 bar<br>/electric 230 V | Pneumatic 6-19 bar<br>/electric 230 V | Pneumatic 6-19 bar<br>/electric 230 V |

