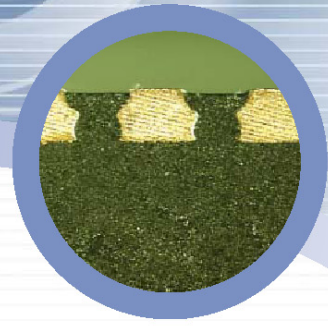
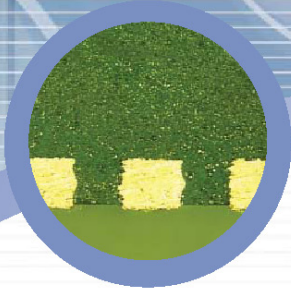
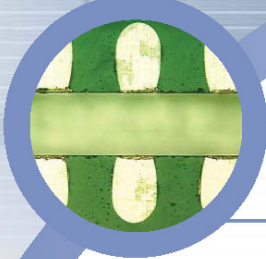


CLF-921



Closed Loop Filtration System – Model 921

The ADT CLF-921 (Closed-loop Filtration system) creates an optimal emulsion for cooling the blade by constantly mixing, cooling and filtering the dicing process water with a special additive. Utilizing a non-polluting, cost-effective process, the CLF-921 circulates water and additives to stabilize process conditions.

In order to prolong blade life and improve cutting properties, the CLF-921 monitors the process water level and automatically adds water and emulsion to guarantee stable conditions throughout the process. The system gives automatic notification of a blocked filter or empty emulsion tank for effective maintenance. Filtration levels and portion settlings are adjustable to suit specific application requirements.

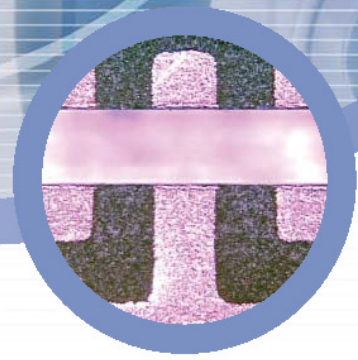
System Highlights

- **Ideally configured for package singulation (QFN/ MLF) applications**
- **Improves cutting quality and prolongs blade life by monitoring the water temperature and emulsion levels**
- **Offers closed-loop circulation of cutting water to maintain environmentally-friendly conditions**
- **Integrates with two ADT saws simultaneously**



Ideal for Package Singulation

CLF-921



Standard Features

- Continuously filters the dicing process water
- Controls the water temperature
- Maintains a constant level of emulsion
- Microprocessor-controlled
- Uses an environmentally-friendly emulsion
- Offers a two-stage filtration process

CLF-921 Special (Optional) Features

- PH meter probe
- Filters



Filtration Unit (Depth: 46 cm)

Specifications

Circulation capacity	14 L/min
Cooling capacity	1700W at 20°C
Temperature set point	recommended between 12°C to 15°C
Filtration particle size	25, 50, 100, 150, 200 µm
Line voltage	220 V AC, 50 Hz or 60 Hz
Power	2200 W
Dimensions	51" (W) 22" (H) x 29.5" (D)
Height including cover clearance	71"
Weight (empty/full)	220 lbs (150 kg) /440 lbs (250 kg)
Emulsion	MIC-9-NF 10 Liters

Ideal for Package Singulation



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