



**FTS International Pty Ltd**

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## Front End Laboratory

The following items are included in the sale of this front end (negative processing only) laboratory.

### 1 ECN2 Processor (Filmlab Engineering modified for optimum quality) 67 ft/min



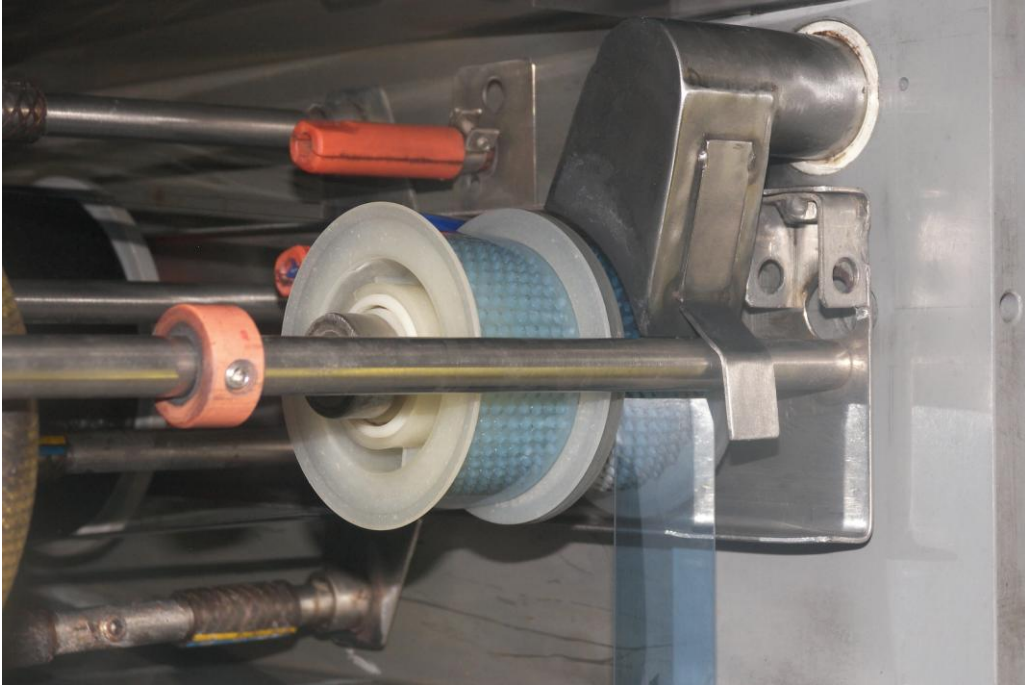
**ECN2 Processor**

Space requirement	Width 2.6m x Length 6.0m x Height 3.6m
Power requirement	30Kw 3 Phase (40Amp)
Effluent flow	5.5 litres/minute

#### Special Processor Features

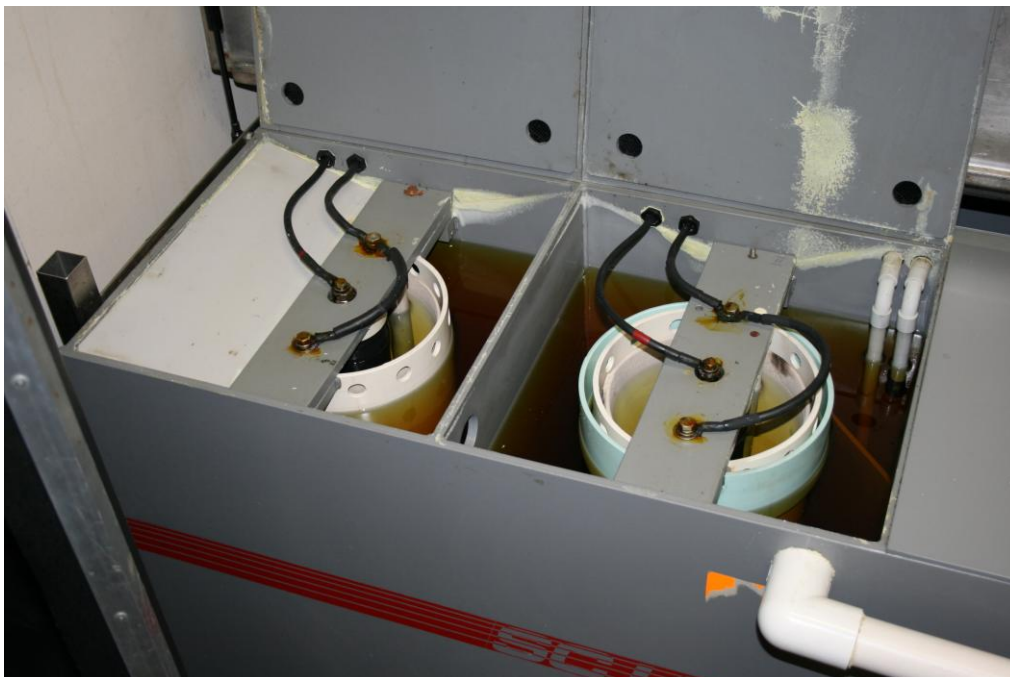
- A From loading to take up no film roller is touching the emulsion side of the film.
- B Large backing remover rack with 2 loops on the incoming side for wetting of the film and 2 loops over the backing remover drum which is fitted with high quality and long lasting velvet for better results.

The backing remover rack/tank has a vacuum suction device installed instead of a wiper blade on the emulsion side only to the outgoing film roller to avoid any touching of the emulsion before the developer.



**Vacuum Device at Backing Remover Exit**

- C Prebath and developer tank recirculation are fitted with an overflow weir for improved recirculation through filtration.
- D The processor is fitted with a 100 Amp in-line silver recovery unit. The configuration of the SRU consists of 2 plating cells with 2 stationary cathodes each. Each tank can run independently from the other.



**Silver Recovery Unit SCS100**

The system is set up for manual operation. For better control of the silver level an Ag level indicator with MV readout has been installed on the processor control panel. This is of great benefit to the operator during processing, in particular when a large volume of 35mm high speed stock is being processed. It can prevent Ag retention and is very important to achieving high quality silver plating results. All electrical components and displays of the SRU system are integrated into the operation panel of the processor.

- E The chemical replenishment system is micro processor based and takes information from a format sensor and a speed sensor on the processor drive motor to control dosing of the solution to the replenisher pumps as required for leader, 16mm, 35mm and push & pull. Also included is an override switch for manual operation.
- F Wash water stand pipes are installed with water flow meters for better control. Wash water control manifold includes gauge indicator for temperature and pressure flow rate to the backing remover.
- G Stainless steel (grade 304) operator platform with safety rail and non-slip surface. Platform is assembled in two sections whereby the back post can be folded up for easy access to the silver recovery unit.
- H Film rack lifting hoist for easy removal of the film racks from the processor for maintenance.
- I Large 3- way rotating darkroom door, size 2.0m high x 1.2m diameter.
- J Two racks for bleach solution, ideal arrangement for bleach bypass processing particular for 1/3, 1/2 or 3/4 bleach bypass, if required.
- K Processor main power backup system includes one fully operational 45Kvar generator including switch gear.



1 3000 Va at 2100W UPS system installed on top of the control cabinet, required for the loading elevator in the dark room to maintain uninterrupted power to the loading cabinet during switch over time at main power failure and take over by the generator (approx. 8 - 10 seconds).

**2 Equipment for the daily operation in the processing area**

Darkroom- Infrared camera including light source  
B&W monitor (at take up end)  
35mm/16mm tape splicers incl. splicing tape  
Winding bench with two Easton rewinders  
Infrared CCD binocular goggles



**Infrared CCD Goggles**

Processing Room- Winding bench with 2 Easton winders, light source integrated into the bench incl. overhead light source for film inspection.  
2000 ft. 35mm film spools  
2000 ft., 1600 ft., 1200 ft. film spools  
4000 ft. 35mm blue leader  
16mm/35mm film cores- 2"  
16mm/35mm film cores- 3'  
Staple guns and S.S. staples

Densitometry- X- Rite densitometer  
QC Procedure set Manual as per Kodak Image Care

**3 Chemical Mixing-** 1 set holding tanks for six chemicals  
1 set filling station including six filters, installed before the holding tanks  
1 only 10 Amp fully automatic tail off silver recycling system



### **Holding Tanks and Filling Station**

#### Quality Control- Chemical Mixing

- 1 only Ph Meter (Metrohm)
- 1 only Hach Meter (for bleach rejuvenation)
- 1 set beakers (100ml, 200ml, 1000ml)
- 1 set measuring cylinders (100ml-500ml)
- 1 set gravity meters
- 1 set pipettes (2ml-5ml)

#### **4 Negative Preparation**

- 1 only 35mm hot splicer
- 1 only 16mm hot splicer
- 1 only 35mm tape splicer
- 1 only 16mm tape splicer
- Cement for hot splicer
- Splicing tape

2 only make up benches with Easton winders, light source integrated into bench (under opaque glass) including overhead light source for film inspection,

1 only Moviola for film inspection with digital capability for any cine post production requirement



### Film Inspection Unit

CAT Cine 7 D- Observer, FSC version with film plates capable of taking more than 2000' rolls of 16mm and 35mm film

Including PH 116- C scratch finder (optical unit)  
PH 116- B SOS/automatic scratch detector  
21" monitor- Sony  
Spares kit  
Cine 3- G RGB control unit



### Scratch Detection Unit

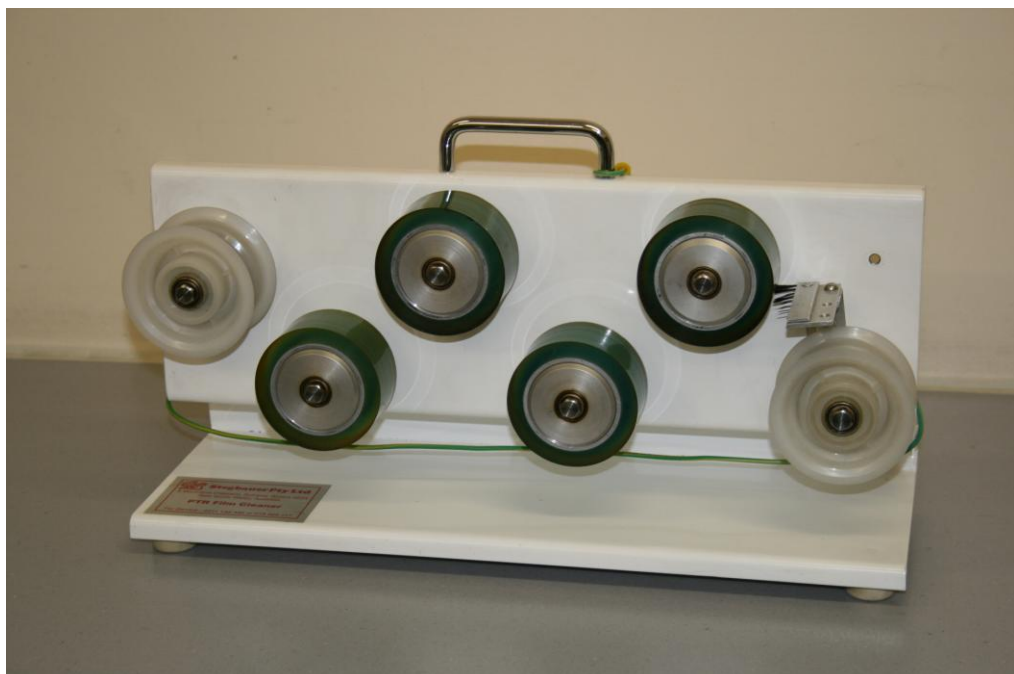
1 only CAT Cine 5 film rewinder/cleaner for 16mm and 35mm film including PTR's and Neglab modification to the cleaning path for static and velvet cleaning. This unit is used as final preparation before packing for telecine transfer to give the highest standard of clean negative and consistent tension in every roll of film.



**Film Rewinder/ Cleaner**

**5 General Accessories**

1 only PTR bench cleaner



**PTR Benchtop Cleaner**

- 1 only 35mm 1- gang 4 perf. synchronizer
- 1 only 35mm 2- gang 4 perf. synchronizer
- 1 only 35mm 1- gang 3 perf. synchronizer

1 only 35mm FSI Digi synchronizer with barcode reader, including Excalibur 2000 Digisync console

1 only 16mm FSI Digi synchronizer with barcode reader, including Excalibur 2000 Digisync console.



### **Synchronizer with Barcode Reader and Excalibur Console**

Price for above package is AUD350, 000.00 ex factory Sydney- Australia. We invite interested parties to inspect the equipment at the laboratory in Sydney where it currently is still in operation. However, the laboratory will be closed down as soon as a contract of sales has been signed. Once the equipment has been sold and payment received we will refund any airfare and hotel accommodation (for one person only) to the buyer.

Other pre-used equipment is also available including viewing/editing tables, motorized rewinders, color analyzer (Filmlab Colormaster), ultrasonic film cleaner (Perk) and we invite price enquiries.

For and on behalf of  
*FTS International Pty Ltd*

Joerg Schweitzer  
Managing Director