

Fischer® NDT Series

Automatic X-Ray Film Processors

Cost-Effective Industrial NDT Processors For Low To Medium Film Volume

The 4000M NDT is Fischer's feature-packed, medium capacity industrial NDT processor



The 3000SV NDT is Fischer's basic, lower capacity industrial NDT processor



Proudly Made in the U.S.A.



Features & Benefits

- Smallest processor (24" X 26") available today
- Variable speed set for 5 to 12 minute processing time
Custom speed settings available
- Front feed and front return with light-tight cover for immediate darkroom exit
- Sealed film feed switch for reliability
- 4000M NDT offers a standard time delay relay for cycle control, deep tanks for higher film volume, film feed light and chime, and programmable temperature displays for both developer and dryer temperatures
- 3000SV NDT offers a standard time delay relay for cycle control, minimal electronics for simplicity of operation, and low developer level shutdown system with indicator light
- 1 year warranty on parts, 3 year warranty on the time delay relay, & 10 year warranty on the acrylic rollers
- Made in the U.S.A.

Standard Equipment

- 7.5 gallon (28 L) chemical tanks with 3000SV
- 10 gallon (38 L) chemical tanks with 4000M
- Acrylic rollers with a 10-year warranty
- Film catcher
- Spare parts kit
- Installation and operating manual
- 15 amp, 110V service on 3000SV
- 20 amp, 110V service on 4000M

Options

- 220V, 50Hz or 60Hz
- Thru-the-wall modification
- Roll film feeder & take-up
- Processor stand
- Closed loop (self-contained) system
- In-line water filter
- Temperature display on 3000SV
- Audible film feed chime on 3000SV



Fischer Industries, Inc.®

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Industrial X-Ray Film Processors

Minimum Darkroom Requirements

Electrical

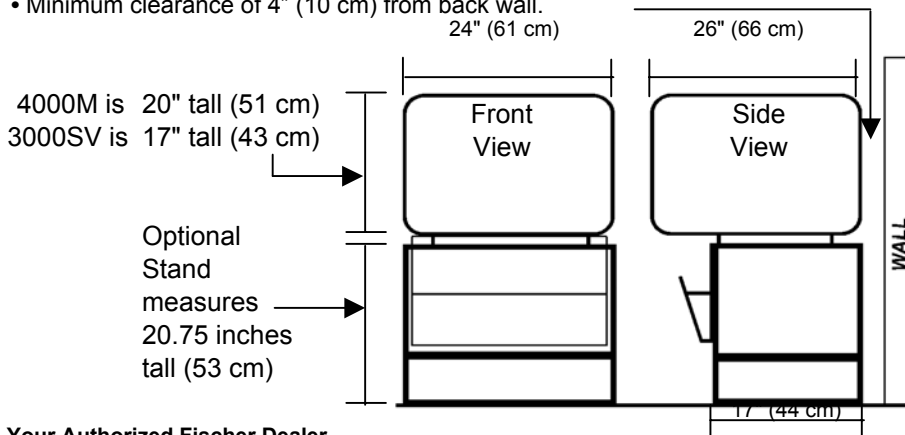
- 115V, 60Hz, 20A Service (Operating Range 100-127V) for 4000M NDT
- 115V, 60Hz, 15A Service (Operating Range 100-127V) for 3000SV NDT
- 230V, 50/60Hz 10A Service (Operating Range 207-253V)
- Dedicated line strongly recommended.
- 20A polarized receptacle is required to accept the grounded, polarized plug on 4000M.
- Use of a multi-outlet adapter or extension cord will void the warranty.

Water

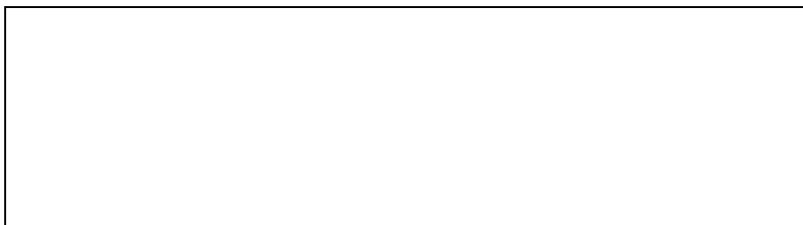
- Cold water only with recommended temperature between 35-75°F (1.6-23.8°C).
- Maximum water pressure of 65 PSI with a minimum flow of 2 quarts (1.9 liters) per minute during operation.
- Minimum drain diameter of 2 inches (5 cm) at a maximum of 12 inches (30.5 cm) above the floor.
- In-line water filter strongly recommended when water supply contains contaminants or particulate materials.
- Do not use copper drain pipe or fittings. Use cast iron or PVC.

Space

- Minimum counter space of 24" (61 cm) wide by 18" (46 cm) deep required.
- Minimum drive-side clearance of 2" (5 cm) strongly recommended.
- Minimum clearance of 4" (10 cm) from back wall.



Your Authorized Fischer Dealer



Fischer Industries, Inc.®



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PRODUCT SPECIFICATIONS

• Film Size

4" x 4" (10.2 cm x 10.2 cm)
minimum to 14" (35 cm) x any
length maximum
Consult Fischer for roll film feeder
optional accessories

• Processing Time

Factory setting is for 5 to 12
minutes adjustable, Leading Edge
In to Leading Edge Out. Custom
speed settings are available upon
request.

• Developer Temp

4000M and 3000SV are both
factory set to 87°F (30.5°C), but
user adjustable

• Net Weight

4000M NDT weighs ...
235 lbs (106 kg) with solutions
170 lbs (78 kg) without solutions
3000SV NDT weighs ...
175 lbs (79 kg) with solutions
140 lbs (64 kg) without solutions

• Tank Capacity

4000M NDT-2.33 gallons (8.8 L)
3000SV NDT-1.25 gallons (4.7 L)

• Film Drying

Warm circulated air, thermostat
regulated

• Chemical Storage

10 gallon (38 L) tanks in 4000M
7.5 gallon (28 L) tanks in 3000SV

• Film & Chemistry

Use standard x-ray film and
chemistry formulated for
automatic x-ray film processors.

Fischer Industries has been making
automatic x-ray film processors for over
35 years. Other products today include:

- AutoTank Revolutionary *heatless*
automatic processor

- | | |
|---------------|-------------------------|
| • 3000SV | 90 second basic model |
| • 4000M | 90 second deluxe model |
| • 4000MT | 60 second hi-cap model |
| • 4000MTF NDT | High capacity NDT model |