Accessories
99902305003 No plumbing conversion kit
99902302608 User Parts Kit
99901000004 Base stand (Mini-Medical Series)
99902305005 Replenisher tank set (7 gal)
99902305020 Darkwall Panel

AFP ImageWorks Processor Specifications

**Category**
- Mini-Medical/90™
- Mini-Medical™
- Mini-Medical/EP™
- Mini-Medical/2S™

**Dimensions**
- Length: 33 in. (83.8 cm) / 21 in. (53.3 cm) base
- Width: 22 in. (55.9 cm) / 21 in. (53.3 cm)
- Height: 24.5 in. (62.2 cm) / 21 in. (53.3 cm)

**Height of base is 29 in. (74 cm)**

**Weight**
- Net: 100 lb (45.5 kg)
- With solutions: 150 lb (68.2 kg)

**Materials accommodated**
- Film sizes (minimum): 4 x 4 in. (10 x 10 cm)
- Film sizes (maximum): 16 x 18 in. (40 x 46 cm)

**Film type**
- Standard X-ray film suitable for 60 sec. processing (RP) (only for Mini-Med/90)

**Chemistry types**
- Chemistry suitable for rapid processing (RP)

**Tank capacities (each tank)**
- 1.9 gal. (7.2 liters)

**Power requirements**
- 115 V, 60 Hz, 15 Amp
- 220 V, 50 Hz, 7.5 Amp
- 220 V, 60 Hz, 7.5 Amp

**Water consumption**
- 1/4 gal/min (0.9 liters/min)*
- No water consumption during “standby mode”

**Drain Requirement**
- 2 gal/min (7.6 liters/min)

**AFP ImageWorks Mini-Medical/90™**

The World’s Most Popular Compact X-Ray Film Processor
...Over 30,000 Installed

**Processing Speed (in seconds)**
- (14” x 17”) [36 x 43 cm]
- Developer Immersion Time:
  - 90 sec
  - 130 sec
  - 180 sec

**Processing Time (Leading Edge to Leading Edge)**
- 90 sec
- 130 sec
- 180 sec

**Processing Time (Dry to Drop)**
- 120 sec
- 150 sec
- 240 sec

**Production Capacity**
- (14” x 17” films per hour): 90 - 180 sec
- (Mixed film sizes per hour): 210 - 105 sec

**Processing Speed**
- (Inches/cm per minute): 28.5 In/72.4 cm

*Factory settings. Suitable timings to meet your specific needs can be adjusted upon installation.

The AFP ImageWorks Mini-Medical family of processors have an optional “No Plumbing” kit available for installations.

**FRONT EXIT VERSIONS**
- 110V/90
- 220V/90
- 220V/50

**MINI-MEDICAL/90™ (90 SEC. VERSION)**
- 99902305003
- 99902305004
- 99902305005

**MINI-MEDICAL/EP™ (110 SEC. VERSION)**
- 99902305006
- 99902305007

**MINI-MEDICAL/2S™ (2 SPEED VERSION)**
- 99902305008
- 99902305009

**REAR EXIT VERSIONS**
- 110V/90
- 220V/90
- 220V/50

**MINI-MEDICAL/90™ (90 SEC. VERSION)**
- 99902305010
- 99902305011

**MINI-MEDICAL/EP™ (Extended Processing Version)**
- 99902305012
- 99902305013

**MINI-MEDICAL/2S™ (2 SPEED VERSION)**
- 99902305014
- 99902305015

AFP ImageWorks Dealer
**Mini-Medical**: Maxi-Savings

Why has the Mini-Medical remained so popular over the years? The reason is simple: it’s simple. Simple…as in easy to use. Simply functional. Simply reliable. All those simples add up to another big ‘S’ word: Savings. The Mini-Medical has been designed with many of the time, space and money saving features usually found only in higher priced models.

**Fast, Versatile…Loaded with Features**

The Mini-Medical/90 is a 90–second workhorse that pays for itself with smooth, steady efficiency…in practically no time at all. Built and priced to make years of film developing cost effective, the Mini-Medical is the perfect choice for hospitals, private practices, clinics and mobile installations. Special versions of this processor are available for those dedicated to mammographic film processing. The Mini-Medical accepts all standard x-ray film sizes…from 4” x 4” (10 x 10 cm) to as large as 14” x 17” (36 x 92 cm)…and can process 90 14” x 17” (36 x 43 cm) films per hour.

**Built-in quality control indicators**

A visual ready indicator conveniently alerts operator after a minimal warm up period. After the last film is processed, the machine returns to an energy and water conserving standby mode. While in standby mode, a special ‘jog’ cycle is employed to guarantee consistent quality throughout the processing day. Separate indicator lights notify operator that solutions are kept at optimal levels and temperatures.

**Automatic Chemical Replenisher**

An electronic sensing system replenishes solutions automatically, keeping all chemicals at peak operating efficiency.

**No Plumbing Necessary**

An optional “no plumbl ing” kit allows the unit to function on self-contained water, making the Mini-Medical ideal for mobile installations, and where EPA regulations restrict effluent disposal or where no water or drains exist.*

**Automatic Wash Water Control**

The Mini-Medical minimizes the consumption of water by eliminating flow during standby mode. Approximately 1/3 liter of fresh water is added during each jog cycle to reduce potential algae problems.

**Infrared Dryer**

Energy efficient i.r. heat lamps dry each film quickly and quietly. A unique pivot-back dryer rack enables easy access to wash section and for service and cleaning.

**Space Saving Size**

Our unique Uni-Body design requires only a minimum of precious darkroom space, measuring only 3.5” x 22” x 24” (83.8 x 55.9 x 61 cm) over-all.** Processed film exits from the front, allowing the unit to easily fit in corners or flush against walls. An optional rear film exit is available to deliver film “through the wall” for pick up in the exam room, laboratory, or other area.

**Reliable Efficiency**

The Mini-Medical drive system is the result of years of technological advances. Ultra-reliable and incredibly rugged, our new worm drive greatly reduces the load on the system and extends motor life.

**Easy to Use, Easy to Install**

The Mini-Medical runs on standard 110V (220V optional) electrical supply and requires only a cold water line connection.

**Built-in chemical storage tanks, connecting plumbing, and where EPA regulations restrict effluent disposal or where no water or drains exist.**

**Automatic Wash Water Control**

The Mini-Medical minimizes the consumption of water by eliminating flow during standby mode. Approximately 1/3 liter of fresh water is added during each jog cycle to reduce potential algae problems.

**Infrared Dryer**

Energy efficient i.r. heat lamps dry each film quickly and quietly. A unique pivot-back dryer rack enables easy access to wash section and for service and cleaning.

**Space Saving Size**

Our unique Uni-Body design requires only a minimum of precious darkroom space, measuring only 3.5” x 22” x 24” (83.8 x 55.9 x 61 cm) over-all.** Processed film exits from the front, allowing the unit to easily fit in corners or flush against walls. An optional rear film exit is available to deliver film “through the wall” for pick up in the exam room, laboratory, or other area.

**Reliable Efficiency**

The Mini-Medical drive system is the result of years of technological advances. Ultra-reliable and incredibly rugged, our new worm drive greatly reduces the load on the system and extends motor life.

**Easy to Use, Easy to Install**

The Mini-Medical runs on standard 110V (220V optional) electrical supply and requires only a cold water line connection.

**Built-in chemical storage tanks, connecting plumbing, and where EPA regulations restrict effluent disposal or where no water or drains exist.**

**Automatic Wash Water Control**

The Mini-Medical minimizes the consumption of water by eliminating flow during standby mode. Approximately 1/3 liter of fresh water is added during each jog cycle to reduce potential algae problems.

**Infrared Dryer**

Energy efficient i.r. heat lamps dry each film quickly and quietly. A unique pivot-back dryer rack enables easy access to wash section and for service and cleaning.

**Space Saving Size**

Our unique Uni-Body design requires only a minimum of precious darkroom space, measuring only 3.5” x 22” x 24” (83.8 x 55.9 x 61 cm) over-all.** Processed film exits from the front, allowing the unit to easily fit in corners or flush against walls. An optional rear film exit is available to deliver film “through the wall” for pick up in the exam room, laboratory, or other area.

**Reliable Efficiency**

The Mini-Medical drive system is the result of years of technological advances. Ultra-reliable and incredibly rugged, our new worm drive greatly reduces the load on the system and extends motor life.

**Easy to Use, Easy to Install**

The Mini-Medical runs on standard 110V (220V optional) electrical supply and requires only a cold water line connection.

**Built-in chemical storage tanks, connecting plumbing, and where EPA regulations restrict effluent disposal or where no water or drains exist.**

**Automatic Wash Water Control**

The Mini-Medical minimizes the consumption of water by eliminating flow during standby mode. Approximately 1/3 liter of fresh water is added during each jog cycle to reduce potential algae problems.

**Infrared Dryer**

Energy efficient i.r. heat lamps dry each film quickly and quietly. A unique pivot-back dryer rack enables easy access to wash section and for service and cleaning.

**Space Saving Size**

Our unique Uni-Body design requires only a minimum of precious darkroom space, measuring only 3.5” x 22” x 24” (83.8 x 55.9 x 61 cm) over-all.** Processed film exits from the front, allowing the unit to easily fit in corners or flush against walls. An optional rear film exit is available to deliver film “through the wall” for pick up in the exam room, laboratory, or other area.

**Reliable Efficiency**

The Mini-Medical drive system is the result of years of technological advances. Ultra-reliable and incredibly rugged, our new worm drive greatly reduces the load on the system and extends motor life.

**Easy to Use, Easy to Install**

The Mini-Medical runs on standard 110V (220V optional) electrical supply and requires only a cold water line connection.

**Built-in chemical storage tanks, connecting plumbing, and where EPA regulations restrict effluent disposal or where no water or drains exist.**

**Automatic Wash Water Control**

The Mini-Medical minimizes the consumption of water by eliminating flow during standby mode. Approximately 1/3 liter of fresh water is added during each jog cycle to reduce potential algae problems.
‘Mini-Medical’... The most popular compact x-ray film processor in the world

When the AFP ImageWorks’ Mini-Medical film processor was first introduced, it quickly became one of the all-time best-sellers to hospitals, clinics, offices and private practices alike. Compact, reliable and easy to use, the Mini-Medical has everything you’ll ever want and need in one stand-alone package.

High Diagnostic Quality, Low Maintenance

World renowned for dependability, the Mini-Medical delivers the highest quality x-ray images, week after week, year after year. Fully automatic and fully warranted, you get the best of both worlds: outstanding film processing quality and years of trouble-free operation.

Mini-Medical: Maxi-Savings

Why has the Mini-Medical remained so popular over the years? The reason is simple: it’s simple. Simple...as in easy to use. Simply functional. Simply reliable. All those simples add up to another big ‘S’ word: Savings. The Mini-Medical has been designed with many of the time, space and money saving features usually found only in higher priced models.

Fast, Versatile... Loaded with Features

The Mini-Medical/90 is a 90–second workhorse that pays for itself with smooth, steady efficiency... in practically no time at all. Built and priced to make years of film developing cost effective, the Mini-Medical is the perfect choice for hospitals, private practices, clinics and mobile installations. Special versions of this processor are available for those dedicated to mammographic film processing. The Mini-Medical accepts all standard x-ray film sizes... from 4" x 4" (10 x 10 cm) to as large as 14" x 17" (36 x 43 cm)... and can process 90 14" x 17" (36 x 43 cm) films per hour.

Built-in Quality Control Indicators

A visual ready indicator conveniently alerts the operator after a minimal warm up period. After the last film is processed, the machine returns to an energy and water conserving standby mode. While in standby mode, a special ‘jog’ cycle is employed to guarantee consistent quality throughout the processing day. Separate indicator lights notify operator that solutions are kept at optimal levels and temperatures.

Automatic-Chemical Replenisher

An electronic sensing system replenishes solutions automatically, keeping all chemicals at peak operating efficiency.

No Plumbing Necessary

An optional ‘no plumbing’ kit allows the unit to function on self-contained water, making the Mini-Medical ideal for mobile installations, and where EPA regulations restrict effluent disposal or where no water or drains exist.*

Automatic Wash Water Control

The Mini-Medical minimizes the consumption of water by eliminating flow during standby mode. Approximately 1/3 liter of fresh water is added during each jog cycle to reduce potential algae problems.

Infrared Dryer

Energy efficient i.R. heat lamps dry each film quickly and quietly. A unique pivot-back dryer rack enables easy access to wash section and for service and cleaning.

Space Saving Size

Our unique Uni-Body design requires only a minimum of precious darkroom space, measuring only 3.3' x 22' x 24' (83.8 x 55.9 x 61 cm) over-all.** Processed film exits from the front, allowing the unit to easily fit in corners or flush against walls. An optional rear film exit is available to deliver film “through the wall” for pick up in the exam room, laboratory, or other area.

Reliable Efficiency

The Mini-Medical drive system is the result of years of technological advances. Ultra-reliable and incredibly rugged, our new worm drive greatly reduces the load on the system and extends motor life.

Easy to Use, Easy to Install

The Mini-Medical runs on standard 110V (220V optional) electrical supply and requires only a cold water line connection.

It can be installed either inside or outside of the darkroom/when installing inside the darkroom with developed film exiting into daylight, a rear film exit version is required). The optional ‘no plumbing’ conversion kit can be used in conjunction with replenisher tanks to eliminate the need for running water and exterior drainage, ideal for mobile medical facilities. Fixed drainage hose fittings are compatible with most standard silver recovery units. The Mini-Medical also includes replenisher storage tanks, connecting plumbing hoses and a high strength, sturdy base stand.

Easy to maintain, backed by the industry’s most comprehensive warranty

The simplicity of the Mini-Medical carries right through to the easy-to-understand operating manual that accompanies every unit. Should warranty repair be necessary, the Mini-Medical is backed by a comprehensive one year parts warranty and 2 years on the drive motor and recirculating pumps. Just contact a factory trained dealer service representative for prompt responsive service.

Seeing is believing

We’ve told you why the Mini-Medical is the world’s most popular film processor (over 30,000 satisfied owners), but don’t take our word for it, make the Mini-Medical a part of your practice and see for yourself.

For more information call 1.800.592.6666 or 1.914.592.6100 or visit us at www.ImageWorksCorporation.com. Once you see it in action you’ll see why the Mini-Medical is the biggest name in compact x-ray film processors.
AFP ImageWorks Processor Specifications

Category
MINI-MEDICAL/90™
MINI-MEDICAL™
MINI-MEDICAL/EP™
MINI-MEDICAL/2S™

Dimensions
Length 33 in. (83.8cm) / 21 in. (53.3cm) base
Width 22 in. (55.9cm) / 21 in. (53.3cm)
Height 24.5 in. (62.2cm) / 21 in. (53.3cm)
Height of base is 29 in. (74cm)

Weight
Net 100 lb (45.5 kg)
Net w/solutions 150 lb (68.2 kg)

Materials accommodated
Film sizes (minimum) 4 x 4 in. (10 x 10cm)
Film sizes (maximum) 16 x 20 in. (40 x 50cm)

Film type
Standard X-ray film suitable for 90 sec. processing (RP) (only for Mini-Med/90)
Chemistry suitable for rapid processing (RP)

Tank capacities (each tank) 1.9 gal. (7.2 liters)

Power requirements
115 V, 60 Hz, 15 Amp
220 V, 50 Hz, 7.5 Amp
220 V, 60 Hz, 7.5 Amp

Water consumption
1/4 gal/min (.9 liters/min)*
*No water consumption during “standby mode”

Drain Requirement
2 gal/min (7.6 liters/min)

The AFP ImageWorks Mini-Medical family of processors have an optional “No Plumbing” kit available for installations.

MINI-MEDICAL/90™
MINI-MEDICAL™
MINI-MEDICAL/EP™
MINI-MEDICAL/2S™

Accessories
9992305003 No plumbing conversion kit
9992302608 User Parts Kit
9995100004 Base stand (Mini-Medical Series)
9992305005 Replenisher tank set (7 gal)
9992305020 Darkwall Panel

The World’s Most Popular Compact X-Ray Film Processor
...Over 30,000 Installed