

# Technical Specifications – NOVA

**Type number: 7070/100**

Dimensions:	Length	35 cm (table) + 59 cm (unit) + 25 cm (tray) or 119 cm 13.78" (table) + 23.23" (unit) + 9.84" (tray) or 46.85"
	Width	68 cm / 26.77"
	Height	57 cm / 22.44"
	Floor space	0.40 m <sup>2</sup> / 4.3 sq. ft.
Weight:	Empty	80 kg / 176.37 lbs
	Filled	110 kg / 242.51 lbs
Tank capacities:	Developer	10 liters / 2.6 gallons
	Fixer	10 liters / 2.6 gallons
	Water	10 liters / 2.6 gallons
	Water level sensor	Yes
Water connection:	Cold tap water	min. 5°C / 41°F, 3/4" connection
Water pressure:	min/max	1.0 - 6.0 bar
Power:	Voltage	100 - 120 V , 200 V - 208 V , 230 - 240 V
	Amperage	8.5 A , 7.5 A , 6.5 - 7.3 A
	Frequency	50/60 Hz
	Consumption	1700 Watt max.
	Intelligent power management software	
Processing cycle:	Standard	100 seconds developer immersion time
	Range	12 - 150 seconds developer immersion time
Film:	Capacity	30 films/hour of 35 x 43 cm or 14 x 17" at standard cycle
	Width	3.5 cm / 1.4" up to 43 cm / 17"
	Size	6 x 12 cm / 2.4" x 4.7" minimum
	Roll film	from 3.5 cm / 1.4" width up to any length

**NOVA Standard Delivery (code EQFKZ) includes**

- NOVA Table-top Film Processor
- Light-tight Cover
- Customer service documentation and spare parts list
- Operation manual
- International mains connection terminal

**NOVA Comfort Kit (code EQPSL) includes**

- Water saving solenoid valve
- Water circulation pump
- Water filter with cartridge
- Two Replenishment Tanks of 30 Liters

**Accessories**

- Table Stand code 3BNMQ
- Two Replenishment Tanks of 30 Liters code 3779N
- Water Filter with Cartridge code EM3YK

**Peripherals**

- Agfa NDT Mixer code 3U66F



CE sign



GS sign



USA/Canada  
NRTL sign

# GE Inspection Technologies

Film

## NOVA Compact Film Processor



### Straightforward in design and operation. Superior in quality and performance.

GE Inspection Technologies brings you the all-new NOVA, part of the proven Agfa NDT Film Systems and yet another dedicated processor designed and built specifically for the industrial NDT testing environment. Smart, robust, economic and automatic, it fills the void for a compact processor that performs rugged NDT testing and provides the quality and features users need.

The NOVA is compact to take up little space in labs. It is extremely lightweight and transportable. It consists of state-of-the-art electronics and materials, making it easy to operate and service. And it offers an optional package of product add-ons, called the NOVA Comfort Kit, which allows you to upgrade the processor's performance with easy-to-fit enhancements. Above all else, it continues the reputation of Agfa NDT equipment for assured performance while yielding a superb price/quality ratio.

As an example, its extremely low consumption of power during processing (a max. of 1700 watts) results in significant cost savings over its lifetime (NOVA is equipped with an intelligent power management system).

Whether you are a company with limited film processing needs or one requiring many processors across multiple locations, the NOVA is an excellent choice. Versatile and accommodating, it is as much at home in a small lab as it is on-site at an extensive pipeline project.

Thoroughly tested with the full line of Agfa NDT films and chemicals, you can use the NOVA with utmost confidence to produce optimal film image results.

The entire Agfa NDT Film Systems is backed by GE's highly trained technicians and specialists -- experts who stand ready to assist you with technical support and workflow assistance. Like the processor itself, they are focused on delivering quality and performance to make your job easier.



# Makes simple work of achieving excellent film output

## A smart choice whatever your field

Our compact processor answers such a variety of needs that companies of every size and purpose will consider it the preferred compact film processor on the market.

The NOVA is ideal for...

- Inspection companies that conduct on-site testing and split their teams along pipelines, refineries and other locations to increase production, thereby needing multiple processors easy to transport and use
- Manufacturing or testing labs using manual processing and looking for a way to automate their processing
- Companies with occasional contracts and needs, requiring film consumption from 10 to 50 films per day
- Companies in need of a back-up processor to provide them flexibility in film processing and to complement their digital solutions.

## User-friendly features

- Compact Size.  
Takes up only 4.3 sq. ft. or 0.40 m<sup>2</sup> of floor space.
- Well-Conceived, Lightweight Construction.  
Constructed of stainless steel, aluminum and PVC to be corrosion resistance and strong. Yet lightweight (max. 176.37 lbs or 80 kg, excl. NOVA Comfort Kit) and durable for long life performance.
- Globally Adaptable.  
Comes in a standard version with state-of-the-art electronics. Worldwide "plug and play" feature allows you to adapt it to any standard outlet, accommodating all voltages globally.
- Easy To Use.  
Built with an automatic start/stop function. Film detection with five scanning rollers allow intelligent and economic replenishment depending on the processed film surface. Control display provides visual reference of all process parameters (temperature, dryer settings). An OK light indicates when the next film can be inserted.
- Easy To Self-Serve.  
Lightweight aluminum side covers enable easy access to the machine. Racks are easy to remove, clean and service. Circulating pumps are easy accessible and can be easily exchanged by the user.
- Light-Tight Cover.  
Designed to protect against light entering the processor, the standard light-tight cover allows the operator to perform other tasks while film feeding into the NOVA Film Processor is ongoing. It also prohibits dust particles from entering the processor to help avoid scratches on the film.



## Proven Agfa NDT Quality

The NOVA offers the benchmark quality and outstanding features for which Agfa NDT processors are the given preference worldwide. These exclusive features include:

- Excellent film quality from the first run. The "Intelligent Replenishment" feature means this processor is

always ready to use, even if it has been idle for several hours. The processor sends a pulse, ensuring fresh chemicals are constantly in the processor tanks to deliver high image quality from the first run to the last.

- Low heat emission.  
The infrared drying system assures uniform drying of films and keeps heat accumulation in the darkroom to an absolute minimum. Work environment temperatures remain comfortable.
- Extremely quiet operation.

## Outstanding service and support

- Handy, remote monitoring and diagnostics. The processor connects to the PC of the service technician, direct or remotely. All machine data is transferred quickly and reliable.
- Our service personnel, dispatched from our GE Inspection Technologies global service centers, are best qualified to service and maintain your GE Inspection Technologies

equipment. They offer on-call repair and maintenance visits as well as standard and custom service agreements (Basic, Extended, Premium).



## Easy to upgrade with the NOVA Comfort Kit

Because some applications require enhanced operation beyond the processor's standard features, GE Inspection Technologies presents the NOVA Comfort Kit, a package of film processor enhancements, including:

- A Water Saving Solenoid Valve and Water Replenishment Pump.  
This feature is especially popular in regions where water consumption is monitored. It allows the amount

of wash water supplied to be linked to the surface of the film entering the wash section to accommodate strict environmental rules.

- A Water Filter with cartridge.  
This feature is especially useful to filter the incoming water into the processor thus guaranteeing excellent film quality as it filters all particles out of the water inlet.

- Two replenishment tanks of 30 Liters. These two replenishment tanks can easily be positioned under the table support to save space in the darkroom.