

Offsoon Pro Fiber Endface Cleaning Machine



Offsoon Pro is the automated single and multi-fiber endfaces cleaning machine newly launched by Dimension. On the basis of retaining the original advantages, its built-in gas circuit and liquid circuit have been upgraded and a visual display screen and settable buttons have been added, which has better cleaning effect, reliability and ease of use. By configuring a variety of precision cleaning interfaces, It can efficiently clean the endfaces of fiber connectors, optical components, optical modules, and MT ferrules etc. It can also be applied to a fully automated cleaning and inspection system for optical devices.

Main Features

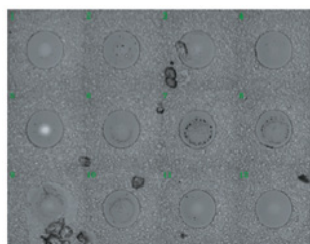
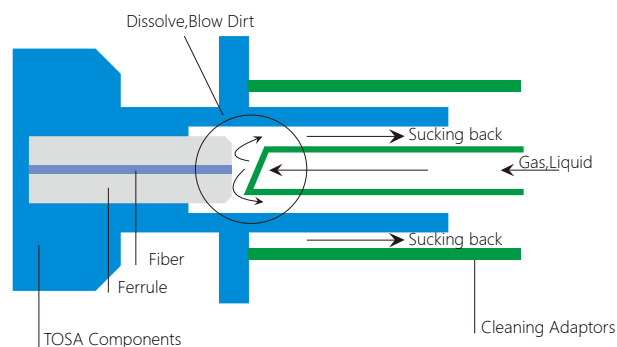
- Over 98% High Cleaning efficiency
- Non-contact to protect fiber endface
- Built-in High-precision filtering system
- Equipping display and keyboard on the surface
- Time editable for solvent spraying, gas jetting, and sucking back
- Support Single/Multi-fiber endfaces cleaning
- Support fully automated cleaning and inspection system

Applications

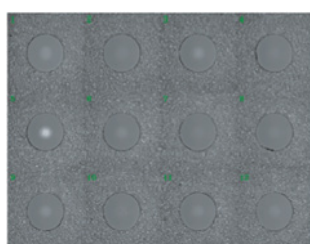
- Fiber connector cleaning
- Optical module cleaning
- TOSA/ROSA cleaning
- MT ferrule cleaning

Non-contact, Over 98% High Cleaning efficiency

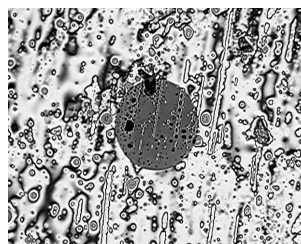
Offsoon Pro uses a precise non-contact gas-solvent-gas sequence to blast and remove contamination particle with Over 98% High Cleaning efficiency, and the entire cleaning process is only 2 seconds.



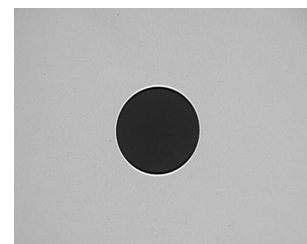
Before cleaning



After cleaning



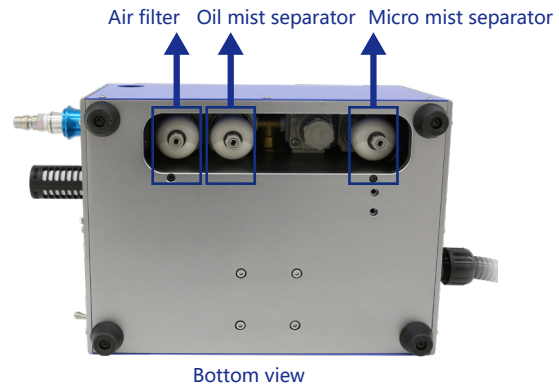
Before cleaning



After cleaning

◀ Built-in high-precision filter system

OffsoonPro is equipped with high-precision air filter, oil mist separator and micro mist separator to ensure that there is no external dirt during the cleaning process, and the filter devices are located at the bottom, convenient to be replaced and cleaned easily.



◀ Equipped with a display and setting buttons

Offsoon Pro is equipped with a display that can intuitively display the cleaning times and the duration of solvent spraying, gas jetting, and sucking back. It has built-in default parameters for common cleaning types for users to refer to.



+ : Increases in value — : Decrease in value
 ◀ : Cursor to the left ▶ : Cursor to the right
 OK : It's editable when the cursor blinks, you can press "OK" to exit the editing after the parameter setting is completed

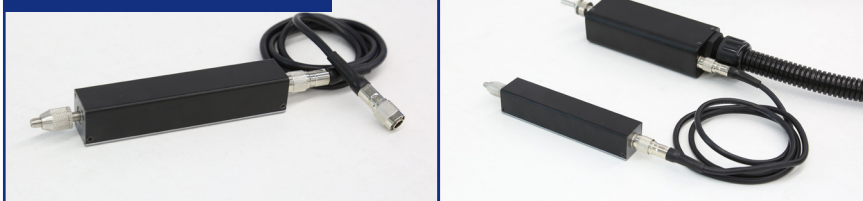
Combination buttons description:
 Press "OK" & "—" and hold for 1 second: reset the count of cleanings to zero
 Press "OK" & "+" and hold for 1 second: enter the editable state

◀ Comfortable handle, easy to operate

The Ergonomic designed handle reduces fatigue of the operators and increases efficiency. The handle is compatible with the cleaning interfaces of Offsoon MARK III, Offsoon MARK IV, Offsoon MARK MT etc., and the interfaces are easy to be installed and replaced. An independent cleaning cotton rod handle can be installed behind it.



cleaning cotton rod handle



◀ Safe and Humanized Design

Offsoon Pro's solvent refill is very easy and convenient. It will not scratch the end face because the cleaning method is non-contact, the waste cleaning solvent and gas are aspirated back to the machine, which will not harm the operators.

Support Single/Multi-fiber endfaces cleaning

Offsoon Pro is equipped with a variety of cleaning interfaces which also can be customized, which can efficiently clean the endfaces of fiber connectors, optical components, optical modules, and MT ferrules etc.

Support fully automated production line

Offsoon Pro has I/O and RS232 interfaces, and can be combined with an automated loading/unloading system and Dimension's Fully Automatic Fiber Endface Inspector FastCheck V2 to form a fully automated cleaning and inspection system, which can effectively improve the production and inspection efficiency of optical devices.



Specifications

Item	Parameter
Gas Resource	Dry and Clean N ₂ , CO ₂ or air
Gas Pressure	0.5Mpa—1.0Mpa
Power Consumption	15W
Operating temperature	+5°C~+35°C
Storage temperature	-10°C~+55°C
Power Consumption	DC 24±0.5 V
Cleaning time	2S
weight (including handle)	7.75Kg
Volume	Mainframe: 378mm X 200mm X 162mm Handle: 166mm X 43 X 32mm

Related Products



Offsoon Mark II Plus



FastCheck V2



EasyCheck V2



Smartcheck

Dimension Technology Co.,Ltd

Tel: +86 755-26480850

Email: sales@dimension-tech.com

Web: www.dimension-tech.com