

## WOLF CSC

### CYTOTOXIC SAFETY CABINET

The CSC cabinet has been designed to protect both the material to be manipulated from contamination and to protect the operator and the environment from cytotoxic contamination and microbial hazards.

CSC has been manufactured according to EN 12469 and DIN-12980 standard, with about 70% laminar flow recirculated air and 30% exhausted air with prior HEPA filtering.

Built for handling cytotoxic drugs CSC is also suitable for the treatment of class CDC-1/2/3, DHSS-C/B1/B2 group 1,2,3 micro-organisms and wherever a product - personnel - environment crossprotection is required.

#### APPLICATIONS

CSC cabinet is especially suitable for applications such as:

- Preparation and handling of cytotoxic drugs
- Preparation and manipulation of antineoplastic chemo - therapeutics
- Presence of agents likely to cause genetic alterations or synergetic activities with other materials.

Since CSC cabinets meet also EN-12469 as for Class II Biohazard cabinets, they can be used also for :

- Microbiology
- Virology
- Haematology
- Cell culture
- Recombinant DNA

#### BENEFITS

- CSC cabinets monitor work conditions to ensure the correct laminar airflow and a protective air barrier.
- CSC is provided with an automatic regulation system to keep the airflow speed (0.4 m/sec) in the work chamber constant. This system counters the effects of the gradual clogging of the three HEPA filters
- CSC can be easily serviced through the front panel



#### TECHNICAL DATA

- Work area with radiussed angles and corners and work surface of AISI-316 stainless steel.
  - Structure of corrosion resistant epoxy powder painted steel
  - Two centrifugal fans, direct driven motors. IP-55 protection factor
  - Two absolute HEPA filters with efficiency over 99.995% MPPS, D.O.P. tested. Under the work surface HEPA filter, multidihedral type, with efficiency over 99.95% MPPS, D.O.P. tested.
  - Motor-fans with automatic and independent regulation to keep airflow speed constant
  - The microprocessor monitoring system displays all relevant data with regard to the operating functions, the different alarms and the error messages.
  - DOP test inlet , IP-44 electric power point, solenoid valve and gas tap, vacuum line
  - Safe and easy replacement of HEPA filters according to DIN-12980 standard.
  - Work surface partially solid or completely perforated for a better laminarity in the work area.
- Available in 90, 120, 180 cm versions

## OPTIONS

U.V. Lamp

## SPECIAL USES

For special uses a version with activated charcoal filter instead of the multidihedral HEPA filters, located under the work surface, is available.

Code	Model	Useful dimensions mm			Overall dimensions mm		
		W	H	D	W	H	D
O74 500180	CSC-3	885	660	580	1090	2210	780
O74 500185	CSC-4	1190	660	580	1395	2210	780
O74 500190	CSC-6	1800	660	580	2005	2210	780

Working aperture mm	Exhaust duct $\bar{A}$	Temperature rise	Volts Hz	Noise dBA	Lighting lux	Vibration mm rms
200	200mm	<4° C	230/50	<60	>900	<0.005