

MAINTENANCE KIT F 780 521 000

Contents :	50 cleaning tips	F 780 525 000
	6 bags of cleaning paper	F 780 527 000
	Microscope 10x	F 780 522 000
	Microscope 100x	F 780 526 000
	4 batteries for microscope	
	1 flat head screwdriver, 1 hex head screwdriver	
	1 adhesive tape (can be ordered by 5 under P/N F 780 528 000)	
	3 adaptors F 715 700 000	
	1 pipette for alcohol (30 ml)	
	1 bottle for water (30 ml)	
	5 plug caps / 5 adaptor caps (can be ordered by assortment of 100 under P/N F 718 020 000)	

The maintenance kit can be supplied without the microscope 100x F 780 526 000.
In this case, use P/N F 780 530 000.

USE OF THE MAINTENANCE KIT F 780 521 000

CAUTION ! DANGER TO THE EYES : It is imperative that no laser emission passes through the plug or adaptor while it is under observation !

PLUG

With the microscope 10x, observe the conical reference part. Fig. 1

If foreign matters are visible, intervene as follows :

- Clean the conical part with a cleaning paper moistened with alcohol and the adapted extremity of a tip. Fig. 2

With the microscope 100x, observe the optical face. Fig. 3

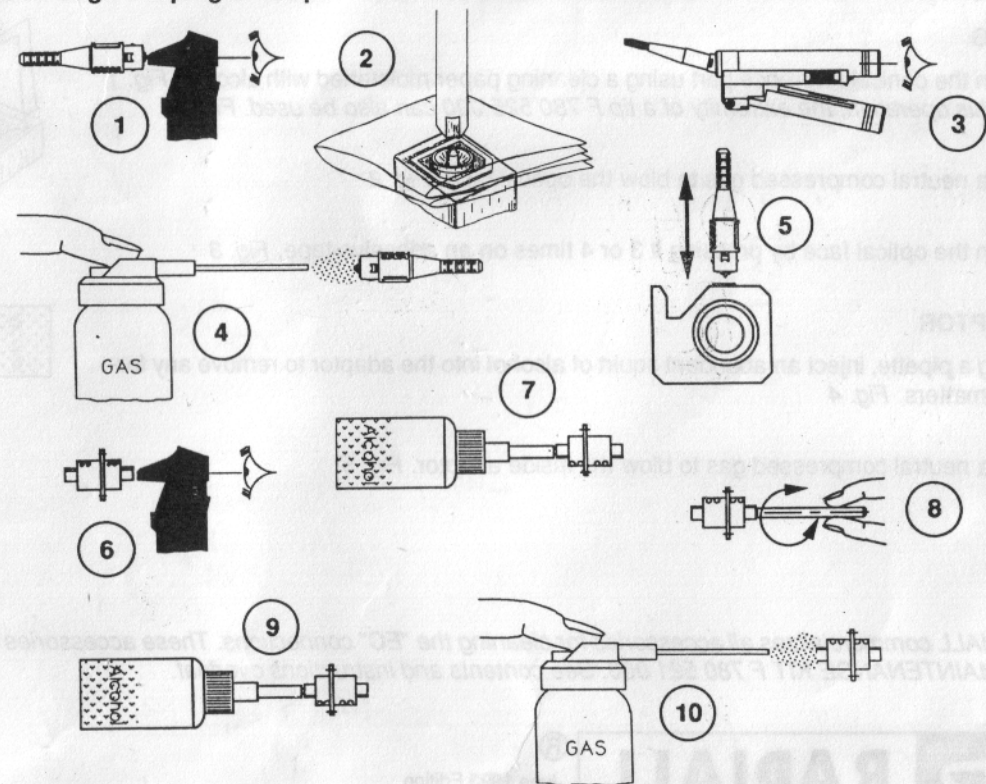
- If foreign matters are visible, blow the optical face with a neutral compressed gas, then press it 3 or 4 times on an adhesive tape. Fig. 4 et 5

ADAPTOR

With the microscope 10x, observe the membrane and the ball. Fig. 6

If foreign matters are visible, intervene as follows :

- Dip the felted extremity of a tip in water to soften it. Blow the excess of water.
- Inject alcohol into the adaptor using a pipette. Fig. 7
- Carefully insert the tip into the adaptor and make two turns. Fig. 8
- Inject an abundant squirt of alcohol into the adaptor to remove any foreign matters. Fig. 9
- Blow the inside adaptor with a neutral compressed gas to remove any alcohol traces. Fig. 10



"EC" CLEANING PROCEDURE

Maintenance of "EC" connections is effectuated with the help of products and accessories normally used in opto-electronic applications : alcohol, compressed gas, pipette, cleaning paper, adhesive tape, etc . . . (see below "USUAL MAINTENANCE PROCEDURE").

In addition, it is advisable to use observation tools (microscope 10x for the adaptor and the conical reference part of the plug, microscope 100x for the optical face) which make it possible to avoid a systematic cleaning and to intervene only when it is really necessary. With the same concern for practicality and to facilitate the procedures, RADIALL has developed a small tip, the adapted shape of which enables an efficient and rapid cleaning of the important parts : the cone of the plug, adaptor membrane (see "USE OF THE MAINTENANCE KIT F 780 521 000" overleaf).

As a general rule, we recommend cleaning :

- after polishing operations
- before first connection
- in the event of repeated connection/disconnection
- when optical performances are not in accordance with the specifications

USUAL MAINTENANCE PROCEDURE

PLUG

Clean the conical reference part using a cleaning paper moistened with alcohol. *Fig. 1* (for this operation, the extremity of a tip F 780 525 000 can also be used. *Fig. 1'*)

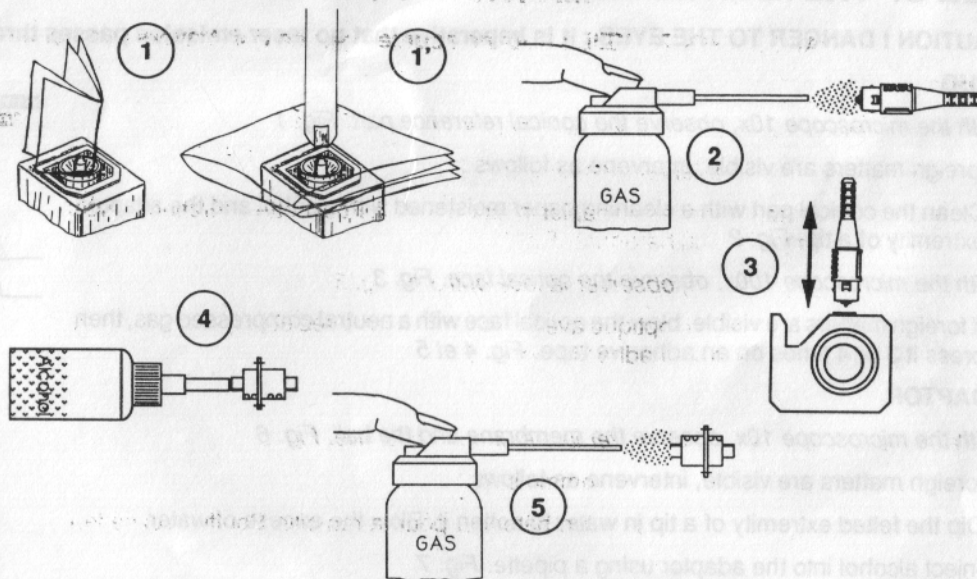
Use a neutral compressed gas to blow the optical face. *Fig. 2*

Clean the optical face by pressing it 3 or 4 times on an adhesive tape. *Fig. 3*

ADAPTOR

Using a pipette, inject an abundant squirt of alcohol into the adaptor to remove any foreign matters. *Fig. 4*

Use a neutral compressed gas to blow the inside adaptor. *Fig. 5*



RADIALL commercializes all accessories for cleaning the "EC" connections. These accessories can be ordered separately under their individual part number F 780 or regrouped in the MAINTENANCE KIT F 780 521 000. See contents and instructions overleaf.



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