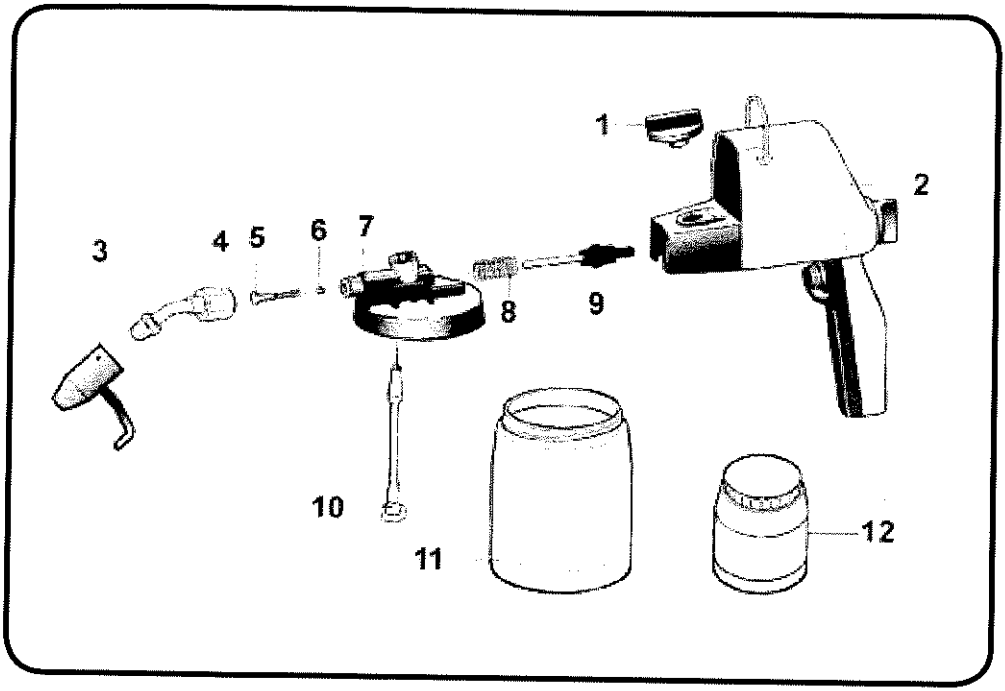
KREA Swiss

TEX25+

Operating Instructions
Bedienungsanleitung



Spare parts and accessories / Ersatzteile und Zubehör: TEX25+

Pos.	Art. N°.		
1	09-004-004	Service screw	Flügelschraube
2	11-501-046	Hood	Haube
3	12-006-000	Varia nozzle	Varia-Düse
4	15-490-002	Nozzle extension	Düsenverlängerung
5	09-005-000	Atomiser insert	Zerstäubereinsatz
6	09-004-014	Valve ball	Ventilkugel
7	11-504-024	Pump housing 5.5 mm	Pumpengehäuse
8	11-004-013	Piston spring	Kolbenfeder
9	11-509-003	Piston 5.5 mm	Kolben
10	11-008-008	Suction tube	Saugrohr
11	09-501-016	Container with thread	Behälter
12	09-006-029	Container & lid	Behälter & Deckel

DESCRIPTION

The TEX25+ is a high quality Swiss made spotting gun designed for professional garment and textile producers who require a reliable powerful hand held solution for removing stains such as machine oil, pen, make up and the like.

The highly effective pulsating jet, powered by 60 Watts, helps dissolve stains without the need for harsh chemicals. Instead, stains can be removed with KREA Swiss Cleaner 580, a mild CFC free solvent which is gentle on materials and employees.

By turning the adjustable VARIA Nozzle lever, you can adjust the spray pattern from a powerful thin jet to a wide softer mist pattern, thereby matching the cleaning power to the material type; sharp jet for deep weave to wide mist for more delicate materials.

Similarly, the power setting and distance of the nozzle from the material can also be used to vary the effect. The jet should never be brought so close to the material that the fabric risks being damaged or displaced. To avoid unnecessary wetting of the fabric, the jet should be directed smoothly and with accuracy. For large soiled areas, clean in a circular motion, so that the pressure jet rinses the substance from the outside to the inside.

FOR YOUR SAFETY

The TEX25+ gun should only be operated safely when the safety & operating instructions have been read and are strictly adhered to.

- Only connect the power plug when the sprayer is OFF and never carry by the power cord.
- Only to be used with cleaning fluids with a flash point above 21°C / 70°F.
- Never direct the spray jet towards people or animals as it can cause injury. Keep the sprayer and accessories out of the reach of children.
- The sprayer must not be used in locations where explosive gases may occur or to spray inflammable liquids (e.g. petrol or spirits). Ensure that there is adequate ventilation when working in confined spaces.
- At no time should the electrical components be brought into contact with liquids of any type. Recommended cleaning methods are explained below.
- Noise / vibration information: The A-weighted sound pressure level of the TEX25+ is measured according to EN 50 144 as being approximately 81dB(A). When used for continuous periods, the use of ear protection is recommended as a standard safety precaution. The typical hand-arm vibration is below 5.5 m/s^2.

IMPORTANT! - Before turning on the TEX25+:

- **Please ensure that the container is at least 50% full.** Do not use the TEX25+ gun without material or spray until completely empty. This avoids creating unnecessary noise & vibration and prevents splatter.
- Before starting, turn the power knob completely to the left. This is the maximum power setting and after a few seconds will create sufficient suction to spray the material. Adjust the power knob as required.
- Avoid shaking the gun or sharp movements as this will cause droplets.

Technical Data

Nominal Output:	60W
Delivery Rate:	260g per minute
Viscosity rate:	80 DIN/sec
Container Capacity:	700ml
Weight approx.:	1.1kg

Overview

It is important to understand that optimal stain removal requires flushing the dirt through the material, therefore the back of the fabric must be free or absorbent. If spraying through the material is not possible, spot removal cleaning can be carried out by spraying across the surface. In this case always work with the soft, fine mist spray setting.

Different types of yarn packages can generally be cleaned this way, even if the soiled area is in the crease. Should it be necessary to clean carpets, structured fabrics, mohair, velour or any napped fabric, the curve of the stained material area can be laid over a round cushion or over the arm of the operator. In this way the stain can be rinsed through the side of the material. For very sensitive fabrics and removal of ring marks, the VARIA Nozzle fine mist setting should be selected.

Operating instructions for the TEX25+ spotting gun

The Operating and Maintenance Instructions are provided as guidance only. Differing characteristics of various types of woven and knitted materials may make it first necessary to carry out a test on a remnant or on a hidden part of an article of clothing in order to avoid damage to the material.

- Due to their nature and finish, woven and knitted fabrics are particularly susceptible to the formation of ring marks. Before treating such materials it is recommended to apply a thin layer of cleaning fluid using the fine mist setting. Working quickly reduces the risk of ring marks becoming fixed in the material. The formation of ring marks can be further minimised by, as soon as the stain has been removed, spraying a wide mist pattern in a circular and uniform way from the damp to the dry part of the fabric. The treated area should then look uniformly damp and without patches.

- If the stain removal is being carried out on an ironing board or extraction table using a damp fabric underlay, this material should be moved after treatment to avoid the risk of dissolved stain residues being transferred back into the next treated material.

- With stains such as molybdenum sulphide based oils, tallow, wax, ballpoint pen ink, make-up, stamp pad ink and fruit juices, it may be necessary to apply a few drops of an specialised solvent (K1-K4- see spotting chart) before the normal aforementioned cleaning process. For the rinsing process, the fine mist spray should be brought as close to the fabric as possible without causing any damage (thread displacement), followed immediately by making circular movements at a greater distance from the fabric from the wet to dry area. Repeat this process once or twice. Never allow too much fluid to penetrate the fabric and always work very quickly. Dry and if necessary, repeat the process.

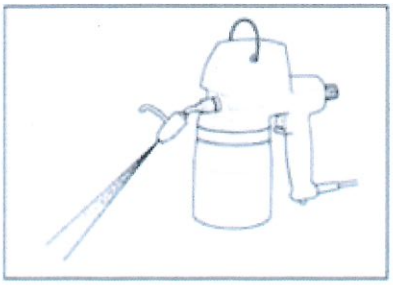
- Stains caused by oil or grease, or those which have worked into the fabric over a lengthy period should be pre-spotted by first applying a very thin layer of fluid using the fine mist spray setting.

- Sedimentary spots, which have formed a crust on one side of the fabric, should be cleaned from the reverse side. Where possible, the crust should first of all be scraped off with the dull edge of a knife blade. The spray jet should be kept at a right-angle to the material, in order to reduce danger of thread displacement.

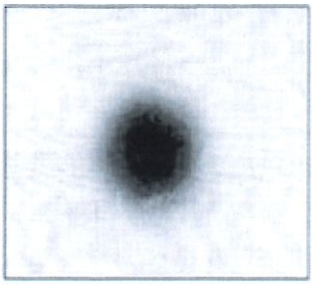
- Spraying of dense fabrics, treated with moisture-repellant, should be carried out when they are lying flat, and stretched out where possible. Treating when suspended vertically risks fluid running downwards and away from the stained area.

- Textile related fluids of a similar viscosity such as moth repellant and impregnating agent can also be sprayed. However, such fluids are often corrosive, and for this reason the TEX25+ should be thoroughly cleaned immediately after use. It is recommended to use a separate container for different types of fluid.

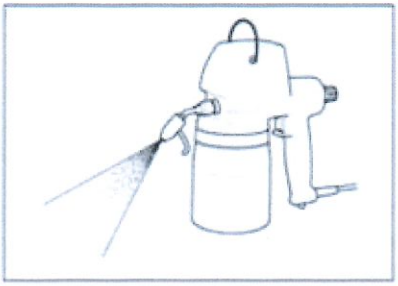
- The TEX25+ can also be used to clean production machines such as screen printing sieves, ring travellers, shuttle-boxes, loom reeds, needle beds, sewing machines as well as general degreasing of and machines and motors.



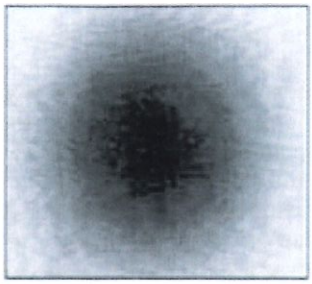
Nozzle handle upwards. Flushing with sharp jet.



Appearance of fabric after flushing with sharp jet.



Nozzle handle downwards. Mist treatment with soft jet.



Appearance after mist treatment with soft jet.

IMPORTANT: IF SPRAYING WATER,

USE ONLY DESTILLED WATER
Tap usually contains chalk. It will quickly build up on the piston and pump housing, causing damage due to friction & heat and destroying the parts.

DRY IMMEDIATELY AFTER USE
Even Stainless Steel will rust if it is left in contact with water. Heat will further speed up this process. We recommend to lightly oil the piston after drying.

Dismantling the VARIA Nozzle

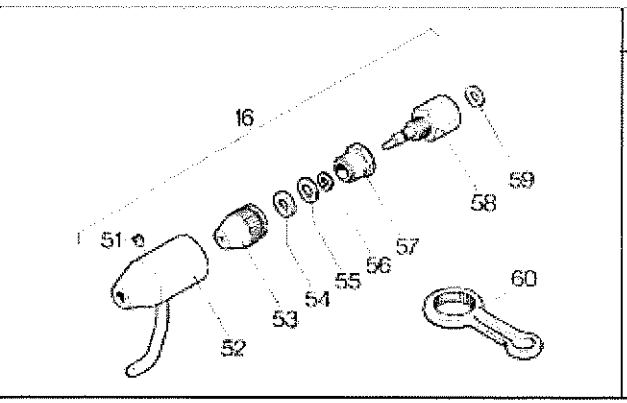
If for any reason you have to dismantle the VARIA Nozzle, please refer to the below exploded view of the individual parts. Take care not to use excessive force when dissembling.

Disassembly

1. Remove the setscrew 51.
2. Pull off the nozzle sleeve 52.
3. Push the fitting spanner 60 onto the nozzle head 53. Using a spanner, hold the threaded holder 57 and unscrew the nozzle head.
4. Clean nozzle head and swirl head 58.

Assembly

1. Rotate the threaded holder 57 as far as possible against the circlip 56.
2. Ensure that the Teflon washer 54 and the brass washer 55 are placed in the correct order on the swirl head or in the nozzle head.
3. Screw the nozzle head onto the threaded holder and tighten by rotating both spanners against each other.
4. Using the fitting spanner, rotate the nozzle head back (to the right) until the VARIA Nozzle is in the fine spray position.
5. Push the nozzle sleeve onto the nozzle head to the position which is most convenient for working.
6. Tighten setscrew.



Pos.	Order-No.
16	12-006-000
51	10-006-011
52	10-006-001
53	12-006-002
54	10-006-007
55	10-006-008
56	09-504-024
57	10-006-009
58	12-507-003
59	12-507-002
60	10-006-010

Fault	Cause & remedy
Spraying jet is irregular.	Nozzle clogged (Clean nozzle or send to manufacturer).
Irregular operating sound.	a) Incorrect setting of setting screw (See Preparation). b) Insufficient fluid in container.
No suction.	a) Suction tube loose. b) Setting screw turned too far in clockwise direction (See Preparation).
Unit does not run with normal operating sound but only hums quietly.	a) Piston seized in cylinder. You have sprayed an unsuitable medium. Should cylinder piston be too badly damaged, the complete pump assembly must be replaced. b) Nozzle head is completely clogged (Clean or send to manufacturer). c) The product has worn out (replace).
Ring marks remain in material.	Wrong jet setting, incorrect operation, drying not carried out properly.
Threads are displaced.	Jet is too concentrated, distance between fabric is not sufficient, angle of spraying is incorrect (See Tips).
VARIA Nozzle leaks.	Tighten nozzle head and threaded holder against each other.
Nozzle clogged.	Clean nozzle head and swirl head as instructed.

Guarantee

- The spray gun is guaranteed for six months subject to the enclosed terms and on condition that it is **only used for use with spot removal cleaning solvents that are specifically approved for use within the Textile industry.**
- The spray gun is designed to work and rest intermittently and it is not suitable for continual use, defined as more than three minutes of operation within any eight minute period. A maximum of 700ml of material may be sprayed within a 3 minute period after which a 5 minute total resting (cooling) period is required before the sprayer may be used again. Should the spray gun be intermittently used, for periods of 20-30 seconds at a time, then a resting (cooling) period of 5-10 seconds is sufficient. Failure to adhere to the usage & resting (cooling) period will significantly reduce the lifetime of the sprayer and negate the warranty.
- Only original spare parts may be used in the event of repairs.
- The spray gun must be serviced and cleaned as described in the operating instructions.
- The guarantee starts upon customer receipt. The guarantee excludes any damage due to natural wear, overloading or incorrect handling.

REPAIRS & PRODUCT LIABILITY

Repair and maintenance are not covered by the guarantee and shall be performed by service centers subject to the applicable price and delivery terms of the country in question.

No liability is accepted for damage caused directly or indirectly by the use and spraying of this products.

EN Declaration of Conformity CE
We confirm that this product meets the required standards as set out in the following norms:
EN 50144-1:98 + A1:02 + A2:03, EN 50144-2-7:00, EN 50366:03 + A1:06,
EN 55014-1:06 + A1:09 + A2:11, EN 55014-2:97 + A1:01 + A2:08,
EN 61000-3-2:06 + A1:09 + A2:09,
EN 61000-3-3:08, EN 62233:08

KREA Swiss

Dr. S. Kendrick