

DEW Engineering and Development Limited

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A defence contractor for both manufacturing and engineering services ranging from product design, development and prototyping to evaluation and technical support, DEW operates under the NATO AQAP4 Inspection Standards for Industry.

DEW is widely recognized for its expertise in decontamination systems. The company offers design, testing and manufacturing services for the full range of C1 (DS2) and C8 decontamination related equipment and training services. All products are specifically designed for field use by the military and are logistically supported with spare parts, on-site training and instruction manuals.

Three Litre Decontamination Device

The rugged, portable self-contained DEW Three Litre Decontamination Device disseminates C1 (DS2) decontaminant in a controlled spray to remove chemical agents from the surface of military equipment. Easily cleaned and purged, the device is reusable. Other important features are:

- tank holds 3 L of usable decontaminant and once pressurized, disseminates a nozzle-controllable stream in a fan spray pattern directable between 1 to 3 m;
- fast and easy to fill, charge and operate even in full environmental and NBC protective clothing;
- integral hand pump and quick filler valve for external air sources such as vehicle air compressors ensure easy pressurization;

- pressure relief valve, vehicle mounting bracket and pump handle, which functions as carrying handle, enhance safety and convenience;
- excellent corrosion resistance to C1; adaptable to other decontaminating chemicals;
- effective in extreme temperatures from -45°C to $+50^{\circ}\text{C}$;
- attached operating instruction plate;
- no special tools are required for disassembly and an optional spare part kit is available.

Twenty Litre Decontamination Device

The DEW Twenty Litre Decontamination Device dispenses C8 decontaminant from standard plastic or steel jerry cans. This rugged, portable device is supplied in a fabric bag as a kit that contains an integral pump, a quick fill valve, pressure gauge, safety relief valve, quick disconnect hose, wand extension, scrapper pole, scrubbing brushes, basic tools and spares package. The entire kit weighs about 8 kg and fits into an $18 \times 18 \times 60$ cm storage area on any vehicle. Easily cleaned and purged, the device is reusable. Some of its main features are:

- usable capacity of 18.5 L;
- fully charged, tank can initially be pressurized within one minute using hand pump; then disperses the decontaminant over an eight minute period with two repressurizations;
- controllable spray within a distance of 1 to 3 m;
- excellent corrosion resistance to C8;
- easy to fill, pressurize and operate in full NBC protective clothing;
- handy operating instruction plate and full documentation.



Three Litre Decontamination Device for C1 chemicals.



Twenty Litre Decontamination Device kit.