

# DCS-1 Diesel Cleaning System



Upgrade your service menu with the diesel cleaning system!

Diesel engines will increasingly become more popular in passenger cars and pickup trucks for fuel economy reasons. As with all internal combustion engines, harmful residues form during the combustion process. In diesel engines, these residues deposit in fuel injectors and inside the combustion chamber to dramatically reduce engine performance and reduce fuel economy.

RTI's latest innovation, the DCS-1 Diesel Cleaning System, is designed to efficiently and effectively remove these deposits from the combustion area and restore diesel engine performance and fuel economy. The DCS-1 is easily operated by the service technician and provides a more effective and professional method of diesel fuel system cleaning compared to today's conventional processes.

## Superior Functionality

- Portability – lightweight, compact, has integrated handle for convenient carrying.
- Easy and fast to fill – large opening with sealable cap provides “spill proof” cleaner solution fill. – cabinet integrates molded-in feet— keeps unit upright during fill.
- Fill level – translucent reservoir provides visual fluid level check.
- Simple operation – cleaner is gravity/pressure fed into diesel fuel system.
- Hanger loop – robust and versatile.
- Fill assist – pressure assistance sometimes required to push cleaning agent into diesel fuel systems, air hose connection port provided.
- Shop air control – air pressure regulator and gauge provide precise air pressure control.

- Quick disconnect fittings – provided at all air and fluid connections for fast, easy operation.
- Timer – provides visual and audible alerts when service is complete, also when fluid is low.

## Professional Use Equipment

- Packaging – professional looking equipment conveys – professional image – operational competency – value of service.
- Operational controls – precise fluid and air management eliminates solution waste and shortens operation cycle time.
- Robust construction – cabinet manufactured from impact resistant composite, encapsulates all machine components for greater protection in shop environments.
- Filters – located under fill cap, guards against cleaning fluid contamination.



## DCS-1 Features

- Impact and chemical resistant composite cabinet
- Easy carrying handle
- Integrated feet
- Translucent fluid reservoir
- Large fill cap/opening—filter inside
- Sturdy hanger loop
- Control panel – power switch, timer control, indicator light
- Air pressure regulator and gauge
- Air pressure release valve
- Fuel/air line quick disconnect fittings

Customer perception—the value of a service is strongly influenced by the type of equipment used to perform that service. Professional equipment depicts professional service from the driver's perspective. RTI is professional equipment.

## Specifications

Cleaning fluid capacity	1 qt, 8 oz (1.0 liter)
Hoses included	Two (2) 9 ft color coded supply and return hoses; one (1) fuel tank bypass hose
Pressure Source	Compressed air or Nitrogen
Inlet Pressure Range	0 psi to 50 psi maximum
Pressure Control	0 psi to 50 psi manual regulator
Electrical Power Source	3.0 VDC, requires two (2) AA batteries for power; batteries included
Alarm type	Red light indicator, audible buzzer
Dimensions	19 in x 13 in x 5 in (48 cm x 33 cm x 13 cm) (H x W x D)
Weight	9.0 lb (4.1 kg)
Cabinet	Impact and corrosion resistant composite
Compatible cleaning fluids	Diesel fuel system cleaner
Adapters/Fittings	Domestic/Import automobile basic adapter kit included.
Heavy-duty truck adapter kit	Optional
Warranty	1 Year parts and labor

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