



# KD-CHECK...

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...if cracks have to be detected with liquid penetrant testing

**KD-Check Penetrants are**

- approved to EN ISO 3452 and to DIN 54 152 respectively
- free of FCKW/CKW, or any other ozone layer depleting substances (OLDS)
- usable in accordance with TRGS 614 (Technical regulations for hazardous materials: Restrictions for use of certain Azo-dyes)
- practically free of corrosive ingredients (sulphur, fluorine and chlorine) and may carry the label "Low content of sulphur and halogens" according to EN ISO 3452 and meet the requirements of ASME-Code section V, article 6

The rear side presents an overview. Detailed questions are answered by technical, safety data sheets and the certificates of approval.

**A test will convince you!**

# KARL DEUTSCH



## Dye Penetrant, Water and Solvent Removable

	Container	Art. no.	Cleaner	Developer	Standards, approvals
<b>KD-Check RDP-1</b> , red	500 ml		KD-Check PR-1 KD-Check PR-2 or water	KD-Check SD-1	EN ISO 3452
	spray can	9901.2			
	10 l canister	9901.3			
	200 l barrel	9901.3			

## Fluorescent Penetrant, Water and Solvent Removable

	Container	Art. no.	Cleaner	Developer	Standards, approvals
<b>KD-Check FWP-1</b> , fluorescent	500 ml		KD-Check PR-1 or water	KD-Check SD-1 or KD-Check DD-1	EN ISO 3452
	spray can	9904.1			
	10 l canister	9904.2			
	200 l barrel	9904.3			
<b>KD-Check FWP-2</b> , fluorescent, highest sensitivity	10 l canister	9909.1	water	KD-Check SD-1 or KD-Check DD-1	Level III acc. to AMS 2644 (formerly MIL-I-25135)
	200 l barrel	9909.2			

## Fluorescent Penetrant, Post-emulsifiable

	Container	Art. no.	Emulsifier	Developer	Standards, approvals
<b>KD-Check FNP-1</b> , fluorescent	10 l canister	9905.1	KD-Check HE-1	KD-Check SD-1 or KD-Check DD-1	DIN 54 152
	200 l barrel	9905.2			
<b>KD-Check HE-1</b> hydrophilic water-based emulsifier	10 l canister	9906.1	post-emulsifiable methods, 2 - 20 per cent in water		DIN 54 152
	200 l barrel	9906.2			

## Cleaner

	Container	Art. no.	Application	Standards, approvals
<b>KD-Check PR-1</b> solvent-based cleaner (petrol)	500 ml		pre-cleaning, and penetrant removal	EN ISO 3452 DIN 54 152
	spray can	9902.1		
	10 l canister	9902.2		
	200 l barrel	9902.3		
<b>KD-Check PR-2</b> solvent-based cleaner (alcohol / ketone)	500 ml		pre-cleaning, and penetrant removal	EN ISO 3452 DIN 54 152
	spray can	9907.1		
	10 l canister	9907.2		
	200 l barrel	9907.3		

## Developer

	Container	Art. no.	Application	Standards, approvals
<b>KD-Check SD-1</b> solvent-based	500 ml		for all penetrants	EN ISO 3452 DIN 54 152
	spray can	9903.1		
	10 l canister	9903.2		
<b>KD-Check DD-1</b> dry developer	1 kg drum	9908.1	for all fluorescent penetrants	DIN 54 152
	20 kg barrel	9908.2		

## Test Panel

	Art. no.	Application
<b>Test Panel 2</b> acc. to EN ISO 3452-3	9992.1	control of the test procedure by the user, see front-side photo

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