









Industry: Chemistry					
Application	Substances	Requirements	Standards	Density Meter	
 Incoming goods and final inspection Control of raw materials, control of mixing ratio Urea concentration in water Quality control of organic solvents Characterisation of liquid intermediates Determination of acid concentrations 	→ Acids, alkalis → Dissolved salts → Solvents → Raw materials → Urea	 Exact temperature control Wide measurement range Variety of scales/methods Chemical resistance 	• ASTM D4052 • EN/ISO 15212	• DS7800	

Industry: Pharmaceutics					
Application	Substances	Requirements	Standards	Density Meter	
 Liquid sample characterisation Quality control of liquid medicines and active substances Incoming goods and final inspection Control of raw materials, control of mixing ratio 	 → Amino acids and proteins → Blood sera, steroids, hormones Antibiotics → Infusion solutions → Urine 	AccuracyCompliance with norms	Pharmacopoeias (USP, BP, JP, Ph. Eur.)21 CFR Part 11	• DS7800	

Industry: Food and beverage				
Application	Substances	Requirements	Standards	Density Meter
 The sugar content in soft drinks Alcohol concentration of spirits in vol. %, Ph value of fruit juices Gardner colour of sunflower oil a Quality control tests Control of raw materials, control of blending ratio Winemaker: quality control of grape juice, must, wine, sparkling wine liqueur 	 Beverage industry: condiments, fruit juice, syrup, soft drinks, spirits, distillates, mixed milk drinks. Food industry: jam, marmalade, honey, sugar (sucrose, glucose or fructose), syrup, condiments/condiments (mustard, ketchup, mayonnaise, etc.) Sauces, oils 	 Fast measurement with easy handling Easy cleaning Precise temperature control Wide measurement range A variety of scales/methods 	AOAC OIV ASBC ICUMSA ASTM ISO AOAC OIML DIN	• DS7700 • DS7800



Industry: Biofuel					
Application	Substances	Requirements	Standards	Density Meter	
 Quality control of raw and finished products 	→ Bioethanol → Biodiesel (FAME)	Precise temperature control Chemical resistance	EN/ISO 12185EN 14214ASTM D4052	- DS7800	

Industry: Sugar					
Application	Substances	Requirements	Standards	Density Meter	
 Determination of the sugar concentration of raw materials, preliminary, intermediate and end products, %Brix determination Purity of sugar and its preliminary products Syrup concentration 	→ Sugar cane → Beet pulp → Molasses, refined sugar → Syrup, invert sugar, dextrose → Corn syrup etc.	 User-friendly handling Easy cleaning Availability of the Brix scale 	• ICUMSA	DS7700 DS7800	

Industry: Production of cosmetics, flavours, fragrances					
Application	Substances	Requirements	Standards	Density Meter	
 Quality control of raw and auxiliary materials Purity measurements of valuable essential oils Guarantee of consistent quality of perfumes Compliance with filling quantities Combined measurements of specific gravity and refractive index to ensure the exact composition of fragrances 	→ Creams, ointments, pastes, lotions Emulsions → Perfumes, aromas → Shampoo, soaps → Essential oils	 Precision Chemical resistance Low sample volume 	AOAC Pharmacopoeias (USP, BP, JP, Ph. Eur.) EN/ISO 15212	• DS7800	

Industry: Petrochemical					
Application	Substances	Requirements	Standards	Density Meter	
 Measurement according to API grade Classification / characterisation of petrochemical products 	→ Fuels → Additives → Oils, lubricants	Chemical resistanceEasy handling	 DIN 51757 ISO 12185 IP 365/84 ASTM D 1250, ASTM D 4052, 	- DS7800	
 Automatic viscosity correction Quality control of fuels and additives 			ASTM D 5002, ASTM D 5931		



Legal guidelines/regulations					
Application	Substances	Requirements	Standards	Density Meter	
 Verfälschung von Kraftstoffen Deklaration falscher Alkohol- konzentrationen 	→ Spirituosen → Weine	PräzisionNormenkonformität	 ASTM D4052 EC 2870/2000, EC 355/2005, EC 128/2004 EEC 2676/90 	• DS7800	

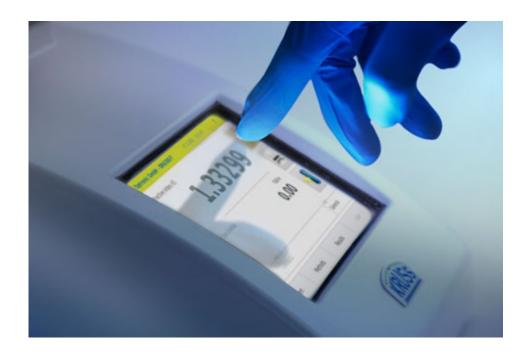
Apprenticeship					
Application	Substances	Requirements	Standards	Density Meter	
Apprenticeship in training labs	→ Diverse	User-friendly Attractive price	• ASTM D4052	• DS7700	



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