

شرح فنی دستگاه اندازه گیری ONH مدل ELEMENTRAC ONH-P 2:

الف) مشخصات فنی دستگاه:

Description	.Art No	Qty
Measuring ranges at 1,000 mg sample weight:	88200-2228	1
2xO 0.1 – 200 ppm O 50 ppm – 2 % O		
2xN 0.1 – 200 ppm N 10 ppm – 2 % N		
2xH 0.1 – 50 ppm H 20 – 1,000 ppm H		
The ELMENTRAC ONH-p 2 series is used to analyze oxygen, nitrogen and hydrogen in inorganic sample materials like steel, iron, copper, brass, titanium and alloys by inert gas fusion. •New sample port for easy analysis of powders and granulates •Fast analysis time due to optimized carrier gas flow and purging process •Optimized sensitivity due to closed gas system •Optional Autocleaner for improved repeatability •Use of cost-efficient argon as carrier gas possible •ELEMENTS software with integrated standard library and comprehensive diagnosis tools		
Features:		
Measured elements: hydrogen, nitrogen, oxygen		
Samples: inorganic		
Furnace alignment: vertical		
Furnace: electrode impulse furnace (max. 8,5 KW*), temperatures in excess of 3,000 °C		
Typical analysis time: 120 – 180 s		
Gas required: compressed air, helium 99.995 % pure, nitrogen 99.995% pure argon 99.995% pure (if required), all gases with (2 - 4 bar / 30 - 60 psi)		
Power requirements: 3~ 400 V, 50/60 Hz, max. 8,500 W		
Dimensions (W x H x D): 57 x 77 x 63 cm		
Weight: ~ 161 kg		
Required accessories		
Description	Art No.	Qty
Balance (resolution 0.0001 g)	88600	1
Required consumables / chemicals for first operations:		
ONH-Starter-kit for 1000 analyses	88500-002	1

(800 graphite crucibles, 100 outer graphite crucibles,		
400 inner graphite crucibles, 100 g glass wool, 100 g quartz wool)		
Anhydrone (magnesium perchlorate), 908 g	900200	1
Sodium hydroxide, 1000 g	90210	1
Schuetze reagent, 200 g (only for OH-p2 and ONH-p2)	90270	1
Copper II oxide, 200 g	90289	1
Installation, Training , Guarantee (2 year) , After Sales Seriveces Spare Support from date of Installaion, see guarantee terms &		
Packing & Handling		