

Components of the Detector Systems

Components of the detector system are listed in **Tables 1** and **2**. Check the contents of the packages to verify that everything is present. Contact the factory if anything is missing or damaged. (NOTE: damaged shipments must remain with the original packaging for freight company inspection.)

Description	Quantity	Product number
Detector cell, Nickel-Iron filament	1	TCD2-NIFED
Controller unit with power cord	1	TCD2-C
<i>Includes:</i> Cable, output	2	I-24010
1/16" zero dead volume union	2	ZU1C
Fused silica adapter for 0.53 mm ID x 0.8 mm OD capillary column	2	FS1R.8
1/16" zero dead volume nut	2	ZN1
1/16" zero dead volume ferrule	2	ZF1

Table 1: Components of the TCD2-NIFE system

Description	Quantity	Product number
Detector cell, Tungsten-Rhenium filament	1	TCD2-WRE
Controller unit with power cord	1	TCD2-C
<i>Includes:</i> Cable, output	2	I-24010
1/16" zero dead volume union	2	ZU1C
Fused silica adapter for 0.53 mm ID x 0.8 mm OD capillary column	2	FS1R.8
1/16" zero dead volume nut	2	ZN1
1/16" zero dead volume ferrule	2	ZF1

Table 2: Components of the TCD2-WRE system

Specifications

Mains (line):	115/230 V~50/60 Hz, 175 VA
Fuse:	2 A, time-delay, 5 x 20 mm
Pressure:	6.9 kPa (1 psi) operating, 6.9 MPa (1000 psi) max. working
Maximum temperature	300°C
Heater power:	60 W max., 48 V, PWM
Output impedance:	100 Ω