



# Ki inverter/cooktop development system

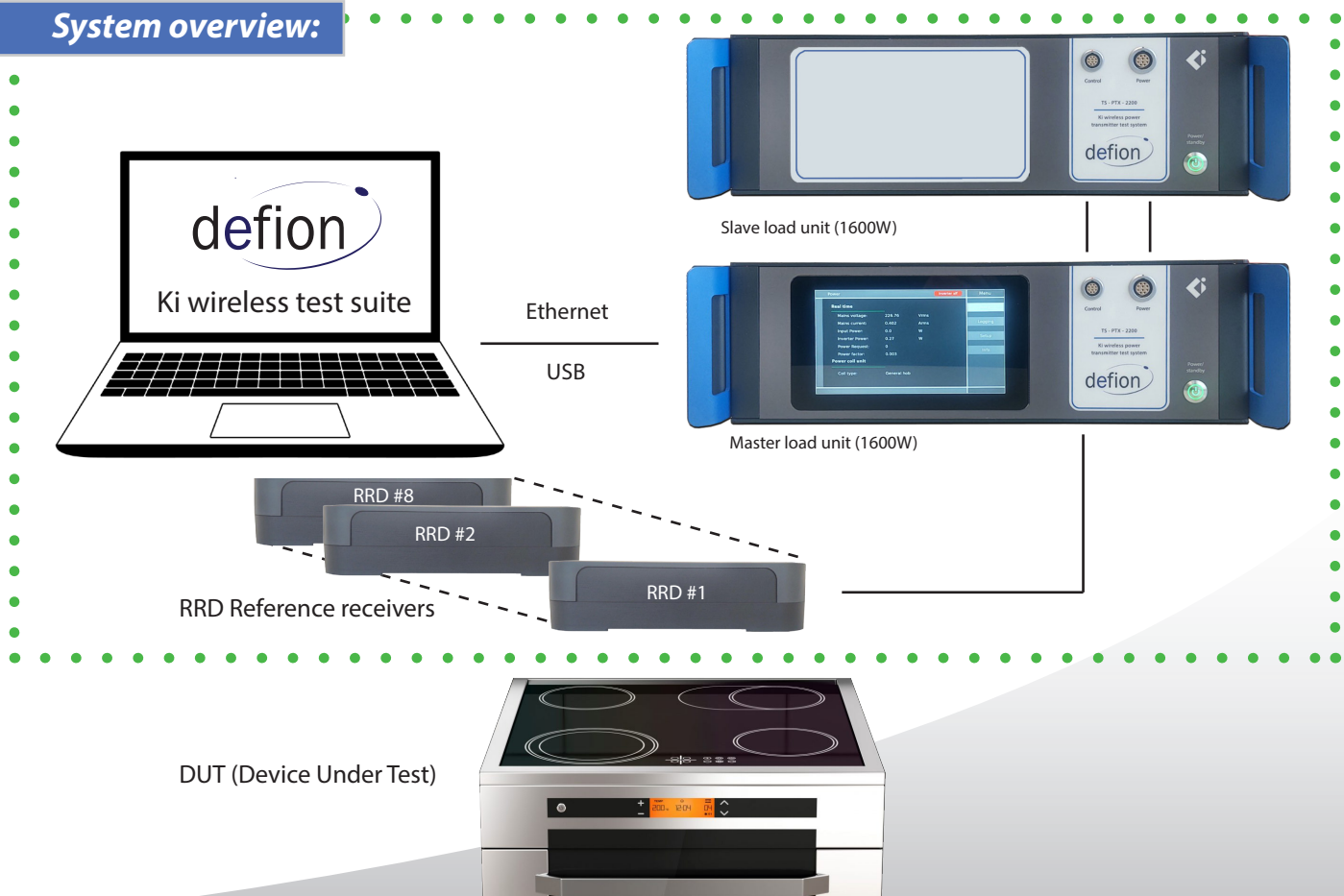


The development system that is key to fast integration of Ki into your cooktop.

## Key Features:

- Up to 2800W load controllable load
- Power transfer testing
- Load step response measurements
- Accurate measurement of received power, voltage and current
- 8 RRD units according to Ki standard
- NFC communication and pairing tests
- NFC communication listing & filtering
- NFC timing testing
- NFC harvesting power testing
- Test software suite using PC
- USB and/or ethernet interface

## System overview:





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## Highlights:

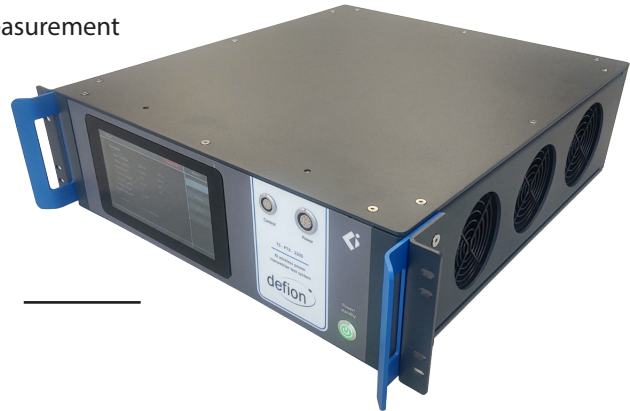


8 models of reference receiver design according to Ki standard.

NFC power harvesting measurement

1400W continuous load per device  
Selectable or custom load profiles  
Intelligent power and communication analysis

High speed PC interface for easy control of all tests and export functionality



## Specification:

<b>Input specification</b>	
Mains input voltage (nominal)	100 - 240VAC
Mains input frequency	50 / 60 Hz
Mains input power (max)	100W
RRD input power (max)	2800W
RRD input frequency	20 - 74kHz
<b>General specification</b>	
User interface	7 inch LCD touchscreen PC software suite (Windows 7,10 or 11 support)
Digital interfaces	Ethernet and USB (Binary and SCPI protocol)
Protections	- Over temperature - Low input voltage - Over voltage
<b>Mechanical specification</b>	
Weight	Load unit - 13 kg / 28.5 lbs RRD - 2 kg / 4.5 lbs
Dimensions (HxWxD)	Load unit - 135 x 420 x 475 mm RRD - 80 x 135 x 135 mm
Cooling method	Active air cooling - speed regulated
Mounting	Rackmount or desktop use
<b>Environmental specification</b>	
Temperature range (operating)	0 - 40 °C
Temperature range (storage)	-20 - 80 °C
Ingress protection degree	IP20
Safety	CE

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